

MARKLINE

Mar 80

America's Foremost Consumer Electronics Dealer Spring 1980 Catalog



Casio's Scientific Calculator
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Texas Instruments' Investment Analyst page 6



Texas Instruments' Alarm Chronograph page 30

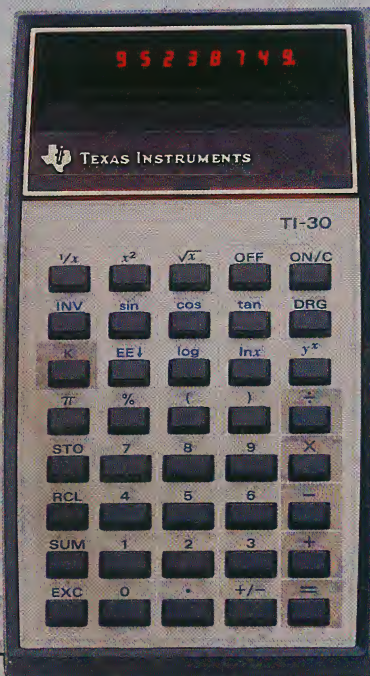
INSTANT ELECTRONIC SLIDE RULES

Ti-30 STUDENT MATH KIT

48-Function Slide Rule Calculator

Display: Scientific Notation, Exponents, 8-Digit LCD; Algebraic: %, π , x^2 , $\sqrt{}$, $\sqrt[n]{}$, $1/x$, y^x ; Trigonometric: Sin, Cos, Tan, inverses; degrees, radians, grads; Logarithmic: Lnx, Log e^x , 10^x ; Data Grouping: Algebraic Operating System; up to 15 sets of parentheses, 4 pending operations; Storage Register.

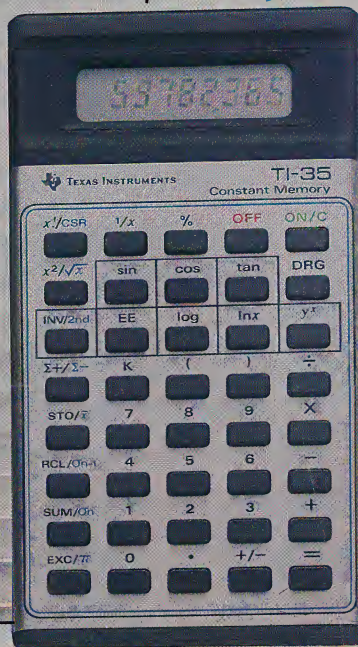
- Automatic turn-off; operates on 9v battery (not included)
- The Great International Math on Keys Book, 224 pp., included
- #Ti30SP (3 lbs) **\$16.95**,
- #ER9VOLT 9-volt battery (1 lb) **\$1.75 ea.**,
- #TiRK2 Adapter/Recharger Kit (2 lbs) **\$10.95**



Ti-35 Slimline™

Slender Scientific

MARKLINE
SUPER VALUE



54-Function Slide Rule Calculator

All the features of the Ti-30 plus more! Algebraic: $x!$; Statistical: 5 summations ($\Sigma+$, $\Sigma-$, σ , σn , $\sigma n-1$); Data Grouping: Algebraic Operating System; up to 15 sets of parentheses, up to 4 pending operations; Memory: Store, recall, sum data to memory, exchange memory with display.

- Constant Memory™—stored even when unit is off
- Automatic Power Down™—shuts unit off after 7 minutes of non-use
- Operates on 2 silver oxide batteries, included

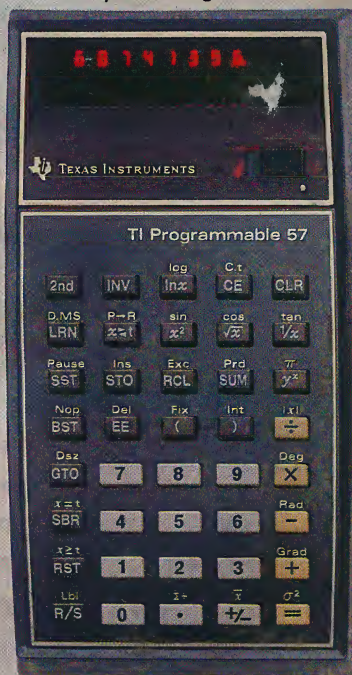
#Ti35 (3 lbs) **\$21.95**
#TiMKBOOK Understanding Calculator Math, 224 pages (1 lb) **\$4.95**

Flexible Programmability,
Self-Teaching Ease

Ti-57 PROGRAMMABLE Powerful Slide Rule Calculator

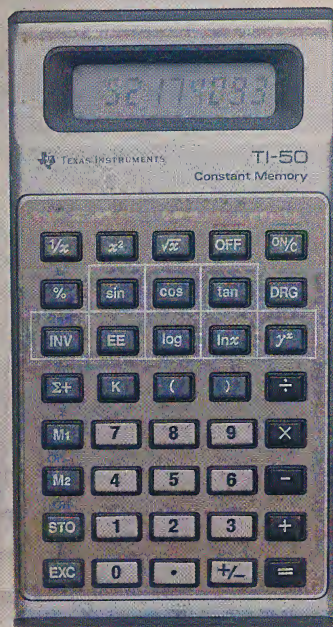
Display: LCD, Scientific Notation, 2-digit Exponent⁺, Mantissa Expansion; Algebraic,

MARKLINE
SUPER VALUE



Two Arithmetic Memories
Stored Even When Off

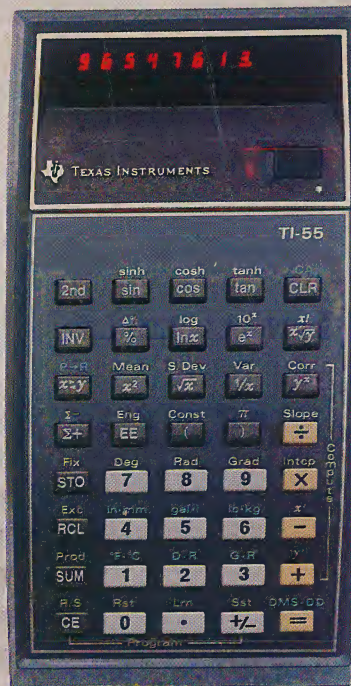
Ti-50 Slimline™ 60-Function Slide Rule Calculator, LCD Display



10 Full Memories,
Straightline Programming

Ti-55 PROFESSIONAL Advanced Slide Rule Calculator, 8-Digit Display

Display: Scientific Notation, Engineering Notation; Algebraic, Trigonometric, Logarithmic



Trigonometric, Logarithmic: Same as Ti-55. Statistical: Mean and variance (2 variables), S. Dev.; Data Grouping: Algebraic Operating System; up to 9 sets of parentheses, 4 pending operations; 8 Memories: multiple-use addressable locations, full arithmetic functions; Program: memory stores up to 150 keystrokes as you build.

- Complete program editing and error correction capabilities; 9 program functions
- 6 forms of branching, 2 subroutine levels, 10 labels
- Self-teaching manual, rechargeable battery pack, and AC adapter/charger included

#Ti57 (4 lbs) **\$39.95**

This model offers all the features of the Ti-30 but with two fully arithmetic memories, usable with eight other functions: add, subtract, multiply, divide, store, recall, exchange, and clear.

- Internal accuracy to 11 digits (8 displayed)
- Constant Memory™—storage in both memories retained with unit shut off
- Automatic Power Down™ prolongs battery life
- Operates on two silver oxide batteries (included)

#Ti50 (3 lbs) **\$31.95**

#TiMKBOOK Understanding Calculator Math, 224 pages (1 lb) **\$4.95**

mic: Same as Ti-50, plus hyperbolics; Statistical: Mean, var., S. Dev., best fit, least squares for linear regression or trend line analysis; Data Grouping: Algebraic Operating System; up to 9 sets of parentheses, 4 pending operations; 10 Memories: full arithmetic capabilities, exchange with display; Program: Enter, store, reset to first step, check keystrokes, begin/halt program in memory.

#Ti55 (3 lbs) **\$34.95**



"WHODUNIT"



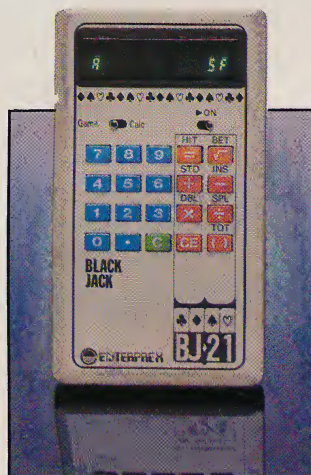
Play detective and try to discover
"Who done the dirty deed."

It's not easy, but it's fun! Twenty characters are gathered together in a large city. One is murdered. The remaining 19 (all suspects) flee to different parts of the city. You track them down and "grill" them for alibis and other vital information. To solve the crime you must find which characteristics define the murderer—and find one suspect who fits the list.

#IDDETECT (6 lbs) \$44.95;

Uses 6 "AA" batteries **#ERAA 2/pkg (1 lb/pkg) \$1.75/pkg**

MARKLINE'S ELECTRONIC CASINO



ELECTRONIC EASY DICE **NEW**

No loose dice to lose under the furniture or get carried away by the dog. They're contained right inside this compact little unit, ready to play whenever you are—at home, on the commuter train, on a plane, in the office, with any game—at the touch of a finger.

#TIMEDICE (2 lbs) \$19.95; #ER9VOLT Battery (1 lb) \$1.75

PORTABLE BLACKJACK **NEW**

Comes in handsome wallet case. Includes 12-digit display, 10-digit junior slide rule calculator, parenthesis, simultaneous dealer/player display, automatic display of deck shuffle and accounting for bet, black jack, win, loss, split, insurance and double. Follows regular casino rules. **#ENBJ21 (3 lbs) \$24.95;** Uses 3 "AAA" batteries **#ERAAA 2/pkg (1 lb/pkg) \$1.75/pkg**

ELECTRONIC POKER

Computer deals both hands face down. Your cards are then revealed. Draw up to 3 new cards to get the best hand. Place bet and see 2 dealer cards; call or bet again—see 3rd card. Repeat and see dealer's hand. Winning hand flashes, winnings/losses are totaled. **#ENPOKER (3 lbs) \$39.95.** Uses 4 "AA" batteries **#ERAA 2/pkg (1 lb/pkg) \$1.75/pkg**

RACETRACK COMPUTER II™

Project the winning horses intelligently and reliably. No previous handicapping knowledge required. Simple sequence of operation; accurate ratings based on past performance; identifies and projects the real contenders. Increase your winnings scientifically! **#RACECOMP (4 lbs) \$29.95;** Uses 9-volt battery **#ER9VOLT (1 lb) \$1.75**



Action-packed, challenging and educational, Odyssey 2 from Magnavox is an entertainment source for the entire family. Attached to any TV, telecasts in vivid color on color sets. Sophisticated alpha-numeric keyboard. Offers a galaxy of cartridges (Speedway, Road Rally, and Word Scramble included; others available separately) requiring strategy and mental agility—each programmable for child or adult. **#MAGAME (9 lbs) Markline Super Special at \$159.95**

ODYSSEY GAME CARTRIDGES

(1 lb) **\$19.95 each**

MA9401 Blackjack
MA9402 Football
MA9403 Armored Air, Sea War
MA9404 Basketball, Bowling
MA9405 Math Quiz
MA9406 Computer Intro. (\$29.95)
MA9407 Concentration
MA9408 Baseball
MA9410 Golf
MA9411 Space Wars

SUPER VALUE

MA9412 Take the Money and Run
MA9413 I've Got Your Number
MA9414 Space Invaders
MA9415 Electronic Pinball
MA9416 Gunfight
MA9417 Electronic Battle Charge
MA9418 Downhill Skiing
MA9419 Helicopter Moonlander
MA9420 Pro Hockey/Soccer
MA9421 Dynasty strategy game

MARKLINE SUPER SPECIAL

THE HOME AMUSEMENT ARCADE

INTERGALACTIC SHOOTING GALLERY



BANDAI

CHAMPION RACER

Ever dreamed of racing laps with the pros? Bandai's auto race game gives you the thrills of the real thing. An actual car image (not a dot) appears on the screen; player tries to see how many miles he can travel in 100 seconds. Move car through higher gears and oncoming cars approach you faster. Sounds accompany each change of gear—or collision!

#**BANRACER** (2 lbs) \$22.95; Uses 9-volt battery #**ER9VOLT** (1 lb) \$1.75 or #**DS6908** Adapter (2 lbs) \$6.95

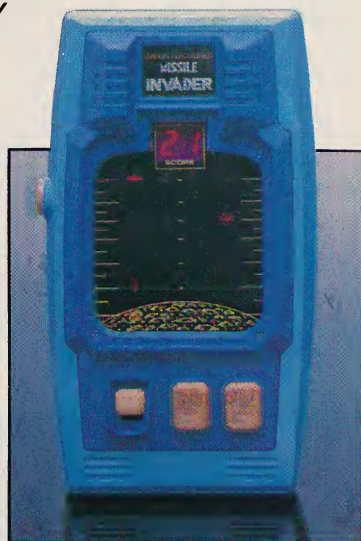


LAZER LIGHT STAR

Fantastic space-age sound effects encourage you as you challenge the Lazer Light Star with your deadly Light Fighter Lazer Gun! You've got to be fast on the trigger and on-the-target-accurate to beat the electronically super-fast Light Star—a 360-degree shooting light gallery. Exciting and fun for the whole family.

#**LAZER** (4 lbs) was \$34.95, **Markline Super Special** at \$24.95. Uses 2, 9-volt batteries #**ER9VOLT** (1 lb) \$1.75 each, and 2 "D" batteries #**ERD** 2/pkg (1 lb/pkg) \$1.95/pkg

**MARKLINE
SUPER SPECIAL**



BANDAI

MISSILE INVADER

Your moon base is under attack! Missiles are coming at you from all directions! You dodge, evade, and return fire on the fearsome invaders. This time you've won—next time, who knows? Bandai's Missile Invader is great fun for kids and grownups alike; flashing lights and electronic sounds add to the excitement.

You won't want to put it down! #**BANINVD** (3 lbs) \$22.95; Uses 9-volt battery #**ER9VOLT** (1 lb) \$1.75 or #**DS6908** Adapter (2 lbs) \$6.95

ROCKET PINBALL™



Tiger Rocket Pinball is all the action and excitement of full-size arcade pinball in the palm of your hand! Seven adjustable skill levels; realistic "ball" movement; all-electronic playing field. LED digital scoring; works with one or two players—separate scoring for each. Four bumpers: light all four and score a bonus of 50 points. Free ball for 200 or more points. Two different flippers; electrifying sound effects.

#**TG7460** (3 lbs) \$29.95; Uses 4 "AA" batteries #**ERAA** 2/pkg (1 lb/pkg) \$1.75/pkg

BANDAI SUPER BASEBALL



Step right up—it's your turn at bat!

Offensive player may swing away or bunt, even steal bases. Ground-outs to infield positions, fly-outs to the outfield, balls and strikes, inning, home and visitor's score are all recorded on LED scoreboard. Defensive player can pitch inside or outside curves, fast balls and change-ups. Remote control panel allows defense to "cut off" a potential stolen base. For one or two players.

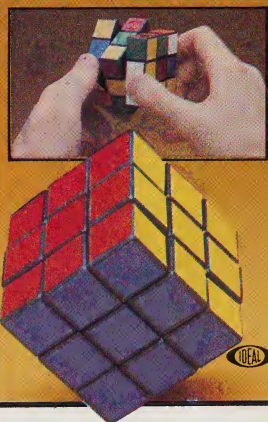
#**BAN8009** (4 lbs) \$34.95; Uses 4 "AA" Batteries #**ERAA** 2/pkg (1 lb/pkg) \$1.75/pkg

CONCENTRATION



Sensational new electronic version of the old popular game of matching numbers. Play it by yourself or challenge a friend; requires memory and concentration to match color spots of equivalent number or letter value. Color spot values change location with every game play through Concentration's amazing electronic circuitry. It's colorful, fast and addictive—complete with fascinating electronic sounds. For ages 5 and older.

#**CONCENTR** (3 lbs) \$31.95; Uses 4 "AA" batteries #**ERAA** 2/pkg (1 lb/pkg) \$1.75/pkg



RUBIK's CUBE™

The Fiendish
Color Puzzle That
Reduces Strong Men
to Wracking Sobs

It might just turn out to be your life's work. Scramble the colors by turning the rows on their axes—then restore the cube to its original state. Beware—there are over 3 billion combinations. It can be done! Good luck.

#IDCUBE (1 lb) \$9.95

THE GASLITER

For Natural and Bottled Gases. Safe, Easy, Long-lasting
Plus Many Other Uses

Safe: long handle keeps hands away from flame.

Easy: put tip into gas, press button; spark ignites gas.

Long-lasting: over 100,000 sparks for years of use. Ideal for portable stoves, fireplace starters, pilot lights, and more.

#GASLITER (2 lbs) \$12.95

NEW

MINI-QUARTZ TRAVEL CLOCK

Only 3 oz., folds to 3/8" 10-second/month accuracy. Pleasant alarm with snooze feature. Runs a year on its battery (included) #PIC601K Black;

#PIC601N Brown;

#PIC601C Cerise;

(1 lb) \$19.95 each



INCREDIBLE SOUNDABOUT— World's Smallest

Stereo Cassette Player

Bike to the blues or ski to Stravinsky—whatever you do you'll do it accompanied by glorious stereo sound! Sony's miraculous Soundabout brings you true stereo separation, thumping bass, glistening treble, mellow midrange—all through feather-light stereo headphones. Hands-free Soundabout rides over your shoulder, around your neck or on your belt; special Hot Line feature lets you talk over the music—or sing along. Includes headphone, carrying case with shoulder strap, cassette and battery holder.

#SYSOUND (3 lbs) \$199.95; Uses 2 "AA" batteries #ERAA 2/pkg (1 lb/pkg) \$1.75 pkg



from National Semiconductor

CHECKBOOK CALCULATOR

Keep an up-to-the-minute balance with Data-checker's 3 continuous memories (checking and 2 charge accounts). Five functions, 8-digit, LCD display; ultra-slim brushed metal case with pen, checkbook case and batteries.

#NS103A (2 lbs) \$29.95

Carrying
Case

SANYO'S "HORIZON COLLECTION"™

Mini-TV With AM/FM Radio & LCD Digital Clock

The complete traveling entertainment center in an unbelievably compact unit—only 2 1/8 x 5 1/2 x 6 1/4"! Crystal-clear 2" black & white TV screen receives all VHF and UHF channels. Alarm clock with bright LCD display and night light wakes you with radio, TV or gentle buzzer. Full-range AM/FM radio with rotary slide rule tuning; built-in telescoping antenna. Uses AC house current, car DC, or penlight batteries. Includes AC adapter, car adapter cord, earphone, removable TV sunscreen (hood), silver-oxide clock battery, battery case and carrying case. (Covered by manufacturer's warranty only.)

#SO2100 (3 lbs) \$299.95;

Uses 5 "AA" batteries; #ERAA 2/pkg (1 lb/pkg) \$1.75 pkg



g Spark Igniter for Bar-B-Que Grills,



Strobe Light FLIK STIK—

Your Life May
Depend on it

Forget about old-fashioned flares!
Amazing new Flik Stik flashes every
second for 6 hours on 2 "AA" batteries
(included). Rugged waterproof case;
1000 times brighter than ordinary
flashlight.

#FLIKSTIK (3 lbs) \$19.95



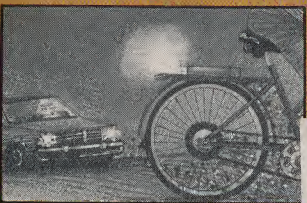
For motorists: Visible even against
headlights. Includes road stand.



For campers/hikers: Scare away
unwanted visitors or use for any
emergency signal.



For boaters: Visible on water for
30 miles; lights up area in fog or haze.



For bikers: Straps on arm or bike,
or fits into hip pocket for night-time
visibility.



IT'S MUPPET™ TIME!

NEW

Telling time has never been so delightful. TV's most lovable stars
now add their special charm to the new Jim Henson Muppet Watch
Collection. Kermit the Frog. Miss Piggy. Fozzie Bear. Famous fun
characters that grace 7-jewel-lever movement precision-made
watches that young people of all ages can wear with pride. Warranted
for one full year after purchase. Make someone special happy
for a long time to come. With the gift of a quality Muppet watch.
Three lovable styles to choose from. (2 lbs) \$19.95 each:
Miss Piggy #PIC067; Fozzie Bear #PIC071;
Kermit #PIC075 (One year manufacturer's warranty.)

CASIO CALCULATOR/ CALENDAR WATCH

NEW



Casio's unique double-
display shows hour, minute,
second, AM/PM, month,
date, day, plus 8-digit,
4-function calculator with
floating decimal and over-
flow check. Auto-calendar
pre-programmed until July
16, 2003. Professional
stop-watch function times
up to 24 hours with
1/100th second accuracy,
measures net/lap/1st-2nd
place times. Super accurate;
water-resistant. Micro-light
for night viewing. Uses 2
silver oxide batteries;
12-month operation.
#C80CALC
(2 lbs) \$49.95

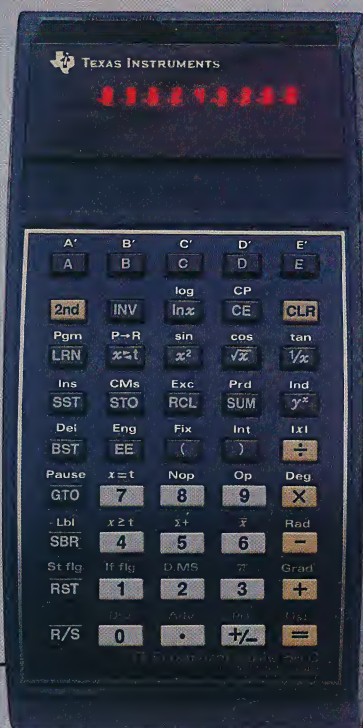


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NANCY SMITH
SWARTHMORE COLLEGE BULLETIN
SWARTHMORE PA 19081



Expanded Programming
Capability with Solid State
Software™ Modules

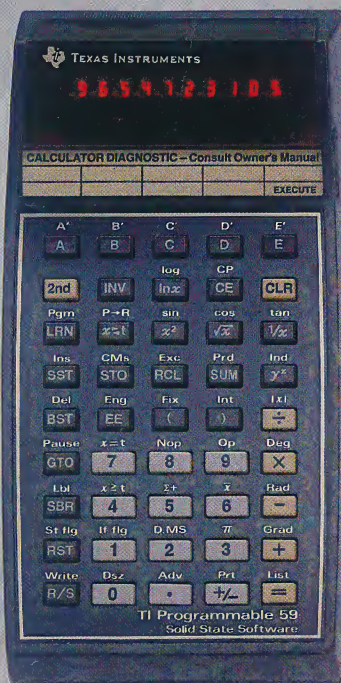
Ti-58C PROGRAMMABLE

170+ -function Slide Rule Calculator

Display: Scientific Notation/Removal, Engineering Notation/Removal; *Algebraic, Trigonometric, Logarithmic, and Statistical:* Same as Ti-57; *Data Grouping:* Algebraic Operating System; up to 9 sets of parentheses, and up to 8 pending operations provide extended problem solving ability; *Program:* Partition up to 480 steps or up to 60 memories.

#Ti58C (5 lbs) \$104.95

- Over 170 functions and operations
- Up to 10 registers directly available for Looping, Increment, Decrement
- Up to 10 user flags available; Set; Reset; Test
- 72 useful labels
- Extremely flexible addressing of: Program Steps—Label; Absolute; Indirect; Data Memories—Direct; Indirect
- 4 types of display testing with an independent test or “t” register
- Complete program editing: Insert; Delete; Single step; Back step; No operation
- Works with the PC-100C Thermal Printer/Plotter; Print, list, and trace programs; alphanumeric and data plotting capabilities offer new versatility (see p. 4)
- *Personal Programming*, a step-by-step, self-teaching guide, included
- Pre-programmed Master Library Plug-in Module included; others available (see p. 4)
- Rechargeable battery pack, AC adapter/charger included



Solid State Software™
Plus Magnetic Card Programming

Ti-59 PROGRAMMABLE

175+ -Function Slide Rule Calculator

Display: Scientific Notation/Removal, Engineering Notation/Removal; *Keyboard functions* the same as Ti-57 and Ti-58C; *Data Grouping:* Algebraic Operating System; up to 9 sets of parentheses, up to 8 pending operations; *Program:* Partition up to 960 steps or up to 100 memories.

Here's the calculator that you can expand as your needs increase. Incredible programming power and versatility are yours.

You can create your own programs, keyboard and store them on magnetic cards for future use, without re-creating the operational steps ever again. Or you can order program libraries for many specialized applications on plug-in software modules (see p. 4), and run the special programs whenever you need them. #Ti59 (5 lbs) \$229.95

- Create, store, retrieve your own programs or data on magnetic cards
- Card protect feature provides security for confidential programs, prevents others from using or copying
- Preprogrammed Master Library Plug-in Module included; other specialized modules available (see p. 4)
- Up to 10 registers for Looping/Increment/Decrement, expanded conditional branching
- Up to 10 user flags: Set/Reset/Test
- Up to 6 levels of subroutines
- Flexible addressing: Absolute/direct/label modes for addressing program steps; direct/indirect modes for addressing data registers
- Full program editing: Insert/Delete/Single Step/Back Step/No Op.
- Works with PC-100C Thermal Printer/Plotter (see p. 4)
- Rechargeable battery pack, AC adapter/charger
- *Personal Programming*, a step-by-step, self-teaching guide, included.



SPECIALIZED SELF-INSTRUCTION BOOKS FROM TI

Electronics/Software

For the student or entry-level professional. These self-teaching manuals start with basic principles and, step-by-step, introduce circuitry and concepts in electronics and computer software design. (Shipping weight 2 lbs each.)

#TiUSSE	Understanding Solid State Electronics	\$ 3.95
#TiUDE	Understanding Digital Electronics	\$ 3.95
#TiSSE	Solid State Electronics (Basic Course)	\$21.95
#TiSDM	Software Design for Microprocessors	\$12.95
#TiIC	Integrated Circuits (Basic Course)	\$21.95

Specialty Topics Books—\$9.95 each

Helpful manuals related to vocations and pastimes that require specialized mathematical functions. Clearly show, step-by-step, how to perform operations. All topics are usable with Ti-59. Books marked with asterisk (*) are usable with Ti-58/58C. (Shipping weight 1 lb each.)

#Ti33649	Security	#Ti33657*	Astrology
#Ti33650*	Statistical Testing	#Ti33658*	Math
#Ti33651	Civil Engineering	#Ti33659*	Fluid Dynamics
#Ti33652*	Electrical Engineering	#Ti33660*	Marketing/Sales
#Ti33653*	Black Body Radiation	#Ti33661*	Production Controls
#Ti33654*	Oil, Gas, Energy	#Ti33662	Fun Packet
#Ti33655	Programming Aids	#Ti33663*	3D Graphics
#Ti33656	Printer Utility	#Ti33664	Lab Chemistry

PC-100CTEXAS
INSTRUMENTS**See Your Program,
Step by Step**

Take your Ti Programmable 58C or 59 one step further with the PC-100C thermal printer, plotter. This quiet, high-speed printing calculator prints, lists, and traces your program. Editing is easier and faster when you print out the calculator's entire memory contents, or every step of your program as it is executed. With the press of a key, data, intermediate results, and answers are there, *fast*. The PC-100C prints over 60 characters per second. This non-impact, thermal printer also has alpha capabilities through keyboard programming. It also supplies power to your 58C continuously. **#TiPC100C** (10 lbs) **\$169.95**;
#Ti30250 Paper, 3 rolls/pkg (2 lbs/pkg) **\$8.95**;
#TiDUST4 Dust Cover (1 lb) **\$3.95**

PLUG-IN PROFESSIONAL PROGRAMMING POWER

Extend the power and problem-solving capabilities of your Ti Programmable 58C or 59. Now, one tiny plastic module, the size of a thumbnail, can contain the equivalent of a 25-card library. The convenience and durability of this tough, drop-in module is Ti technology at its best:

The versatility of Ti's Solid State Software™ Library allows you to adapt your Ti 58C or 59 to your professional needs. Find the answers to statistical, real estate, investment, surveying, aviation, marine navigation, and business problems in Ti's Software Library.

Use the pre-programmed library module by itself. Use the 5,000-step module as a base. Use your magnetic or keyed-in program as a base and call subroutines from your 5,000-step library modules. Perform chaining by calling subroutines both ways.

These Solid State Software libraries each consist of one plug-in module, a library manual, program labels, library wallet, and a quick reference guide (2 lbs; **\$32.95 each**).

Electrical Engineering—Design engineers, system engineers and engineering technical assistants will find this library covers a broad range of electrical applications, from computing component values of filters and other electrical circuits, to numerical aids for analysis and design of feedback control systems, transmission line calculations, signal detection, and time series transformations. (Recommended for use with the Ti-59.) **#TiEE59**

Math Utility—(Using the PC-100C Printer) Those who write their own programs will find this library especially useful. Applications range from utility programs, such as printer formatting and large-scale plotting, to advanced mathematical routines. Also included: 10 functions, program romberg integration, differential equations, and root-find technique. **#TiMU59**

Aviation—Private or business pilots will value this collection of programs for flight planning (including full schedules), and expanded way point capacity makes coast-to-coast flight plans feasible. With the PC-100C, generate in-flight checks before taking off. Inflight radio fixes with VOR and DME gear. **#TiAV59**

Master Library—Designed to deal with a variety of problems, this program offers pre-programmed solutions, from everyday calculations to mathematical and financial operations. **#TiML59**

Applied Statistics—These field-tested programs will aid professionals in medicine, political science, quality control, mechanical design, and more. Sample sizing, selection, evaluation, stratified sampling, random number generator, variance, histograms, frequency plotting, t-statistic, regression, Chi-square included. **#TiST59**

Farming—Effective farm management requires the use of advanced technology. The Agriculture Library was designed to help today's farmer solve increasingly complex problems. Included: economic feed mixing, feed lot operation, land evaluation, equipment loans, and many other important aspects of modern agri-business. **#TiFARM59 \$49.95**

Marine Navigation—Whether racing sailor or ocean-going navigator, this comprehensive library will meet your nautical needs. There are coastal navigation programs for relative or absolute position, speed made good and true course, celestial navigation programs, racing tactics, and more. (Not for LORAN C.) **#TiNAV59**

Reverse Polish Notation—(For use with Ti Programmable 59) Enlarge your collection of Ti Programmable software by quickly converting programs written in Reverse Polish Notation. This library, with the aid of the PC-100C Printer, lets you convert most RPN programs. **#TiRPN59**

Real Estate—These programs include a complete treatment of important practical details, like tax laws on excess depreciation for those interested in capital investments. Also contains: cash flow, multiple depreciation schedules, tax audit, IRR, annuities. **#TiRE59**

Leisure—Relax with your calculator! The Leisure Library includes simple recreational diversions, challenging games of skill, and programs which simplify some tedious calculations that are a part of popular games. **#TiLE59**

Business Decisions—Business leaders need effective decision-making techniques to deal with constant fluctuations in business trends and economic conditions. The Business Decisions Library provides aids for more accurate market forecasting, improved inventory utilization, estimation of financing requirements, and much more. **#TiBUS59**

Surveying—Surveyors, civil engineers, architects, and other professionals involved in land measurement and earthwork will benefit from the vertical, horizontal curve design, and electronic distance measurement programs. **#TiSUR59**

Securities Analysis—Finance professionals and individuals involved in the evaluation, selection, and management of investment portfolios will value this program selection: coverage of stocks and bonds, convertible securities, options, warrants, annuities, taxes, commissions, and portfolio selection methods. **#TiSEC59**

POWERFUL, PRACTICAL COMPUTER FOR HOME OR OFFICE

Texas Instruments designed the Ti-99/4 Home Computer for beginners as well as those who use computers daily. This incredibly affordable computer system has all the features you'd expect from Ti, and more.

Command Modules Increase Capabilities

Almost anyone can put the Ti-99/4 to work immediately. Program in Ti's built-in BASIC, accessible with only 2 keystrokes, or plug in one of the ready-to-use Solid State Software™ programs for an entirely new capability. Complete and self-contained programs are stored permanently in solid silicon in each Command Module.

More Memory for Your Money

Both random access memory (RAM) and read only memory (ROM) are necessary in any home computer. The more memory, the higher the cost. Texas Instruments' ROM integrated circuit chips inside each Command Module hold pre-programmed instructions. There's plenty of RAM (16K); it's used for your input, not for the pre-programmed instructions.

Ti's Home Computer Programs have been developed to be useful, simple-to-use, accurate, fun, and engaging. Choose from Home Management/Personal Finance, Education, and Entertainment Command Modules. Ti will continue to develop and bring you new modules in the future.

Music, sound, and color are part of Ti's Home Computer. The Ti BASIC sound subprogram (*Call Sound*) allows the playing of tones over a five-octave range, and the Ti BASIC graphics subprogram lets you create colorful designs, graphs, charts, pictures, gameboards, and more.



- Amateur or Expert, Ti's 99/4 Home Computer is designed for you
- Ti innovation offers remarkable programming power and versatility at an affordable price
- Put your Home Computer to work immediately... Home Management/Personal Finance, Basic Programming, Education, Entertainment
- Solid State Software™. Command Modules make using the Home Computer easy

#Ti994CON Console Only
(30 lbs) Regularly \$950.00,
Markline Super Special
at **\$895.00**

**MARKLINE
SUPER SPECIAL**

#Ti994MOD Modulator for
TV hook-up (5 lbs) **\$69.95**

#Ti994TV 13" Color
Monitor, includes
Modulator (30 lbs)
\$449.95

**TEXAS
INSTRUMENTS**



Call us at 800-225-8493 for a free, detailed, descriptive brochure.

The "User Reference Manual," packaged with each Ti99/4, details every phase of use. If you'd like to learn more before ordering!
#TiPH2601 (2 lbs) \$9.95

COMMAND MODULES

ENTERTAINMENT (2 lbs ea.)

- Football **#TiPH3009 \$29.95**
- Video Chess **#TiPH3008 \$69.95**
- Video Graphs **#TiPH3005 \$19.95**

EDUCATION (2 lbs ea.)

- Early Learning Fun **#TiPH3002 \$29.95**
- Physical Fitness **#TiPH3010 \$29.95**

- Number Magic **#TiPH3004 \$19.95**
- Beginning Grammar **#TiPH3003 \$29.95**

HOME MANAGEMENT /

- PERSONAL FINANCE (2 lbs ea.)
- Home Financial Decisions **#TiPH3006 \$29.95**
- Household Budget Management **#TiPH3007 \$44.95**

ADDITIONAL ACCESSORIES

- Speech Editor **#TiPH3011 (2 lbs) \$44.95**
- Demonstration **#TiPH3001 (2 lbs) \$69.95**
- Diagnostic **#TiPH3000 (2 lbs) \$19.95**
- Joysticks **#TiPH1100 (3 lbs) \$29.95**

- Speech Box **#TiPH1500 (5 lbs) \$149.95**
- Dual Cassette Cable **#TiPH2000 (2 lbs) \$14.95**
- Math Dictionary **#TiPH2500 (2 lbs) \$29.95**
- Beginner's Basic **#TiPH2600 (2 lbs) \$9.95**



**For Computer Programmers:
Pros or Hobbyists**

Ti PROGRAMMER

**Converts to or from
Hexadecimal, Octal, or
Decimal Base Instantly**

No longer do you have to refer to conversion tables nor make tedious calculations to solve binary computer problems. Thanks to the Ti Programmer, you can get immediate answers in base 8, 10, or 16, with 8-digit capacity—capable of handling IBM 370 programming computations, quickly, easily.

The Programmer uses integral "two's complement" arithmetic in hexadecimal and octal bases, just as a computer does, but has "one's complement" capability with one keystroke.

Logic Functions: And/Or/Exclusive Or/Shift; operates bit by bit in HEX and OCT for same capability provided by computer instruction sets and mini/micro systems; **Memory:** Three-key: Store/Recall/Sum Memory Contents; **Data Grouping:** Up to 15 sets of parentheses and up to 4 pending operations.

- Handles mixed-number bases and combined logical and arithmetic operations
- Conversions and operations take place in the order you specify
- Constant mode allows constant operations with all arithmetic and logic operations
- Gives you more time for other programming, debugging, troubleshooting tasks
- Fast-charge battery pack, AC adaptor/charger, carrying case included

#TiPROG (3 lbs) \$49.95

Call us toll-free (1-800-225-8493/8390) for ordering or additional information

Ti-BUSINESS CALCULATORS

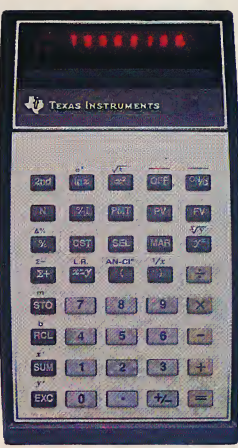
"I'll find the solutions sooner or later!" Why not sooner?



With the Ti business calculators you can say "good-bye" to the tables and charts that were once required to handle many analytical problems because the formulas are preprogrammed into the calculator.

Ti BUSINESS ANALYST I™ MARKLINE SUPER VALUE

Whether your field is marketing, insurance, real estate, or investments, the Ti Business Analyst I can help you handle a wide range of calculations quickly and efficiently: gross profit margins, discounted cash flow, investment yields, compound interest, depreciation, rate of return, loan calculations, amortization, annuities, trend analysis, linear regression, and advanced mathematical functions. Designed as an economical aid for students and professionals, the Analyst I comes with special application book and carrying case. #TIBUSANI (3 lbs) \$17.95; #ER9VOLT 9-volt battery (1 lb) \$1.75; #TIRK2 Rechargeable adapter kit (2 lbs) \$10.95

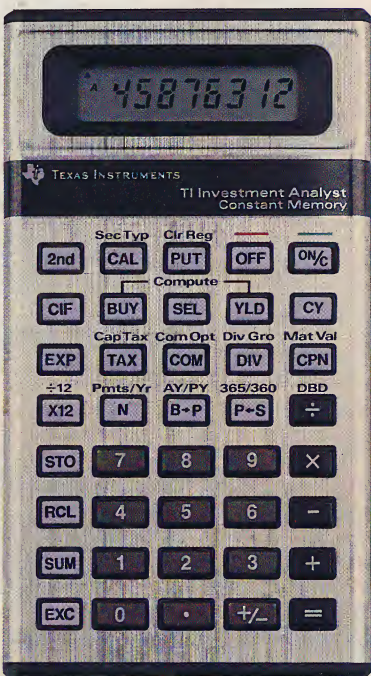
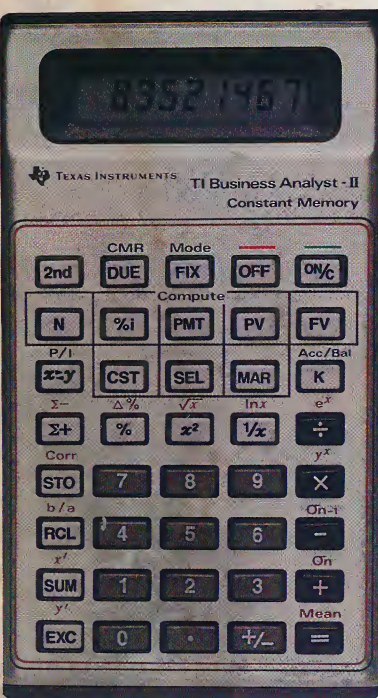


Ti Slimline BUSINESS ANALYST II™

This unit has all the features of the Analyst I, and more: large display, Automatic Power Down™, Constant Memory™ and longer battery life.

- Financial functions, plus: annuity due, principal and interest, accumulated interest, and loan balance
- Standard statistical functions, plus: least squares line, linear regression, trend line analysis
- Special functions also include: percentages, reciprocal, exponential

#TiBUSLCD (2 lbs) \$38.95



Ti Slimline NEW INVESTMENT ANALYST™

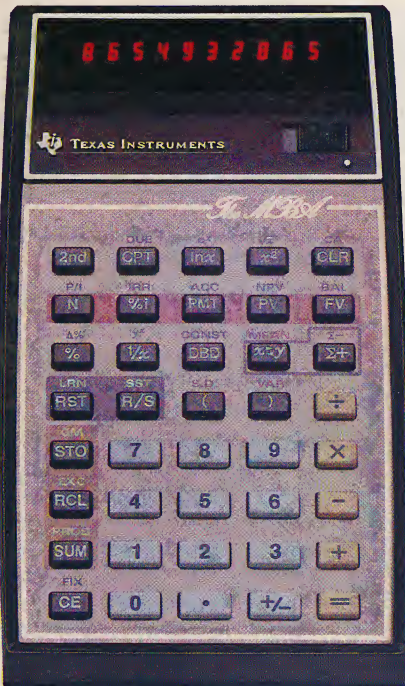
For On-The-Spot Decisions

Analyze and evaluate virtually any investment you can make, rapidly and accurately, with the added versatility of a full-function calculator. This slimline model solves investment problems in terms of four assignable values: buying price, selling price, yield, and time held. Special functions, such as compound interest factor, and days between dates, are included with Ti's Constant Memory™, Automatic Power Down™, and large LCD display. (Batteries included.) #TiINVANA (3 lbs) \$49.95



Carry Calculating Clout Ti BUSINESS CARD™

Handle financial and business calculations in a stylish unit about the size of a business card. Powerful financial functions and Constant Memory™. #TiBUSCRD (1 lb) \$39.95



THE MBA™

Programmable

Designed to help solve business problems quickly and accurately, the MBA, with its book, *Calculator Analysis for Business and Finance*, can open up many approaches for resolving decision situations:

- Net present value for variable cash flows
- Internal rate of return
- Trend Line analysis
- Mean, variance, and standard deviation
- Linear regression with correlation coefficient
- Accumulated interest and remaining balance
- Ordinary annuity and annuity-due computations

Repetitive problems and special calculations are easy with simple programmability. This not only lets you program complex calculations quickly, it also lets you vary important data so that you can see the effects of various alternatives. Carrying case, rechargeable batteries, and adaptor included. #TIMBA (4 lbs) \$59.95

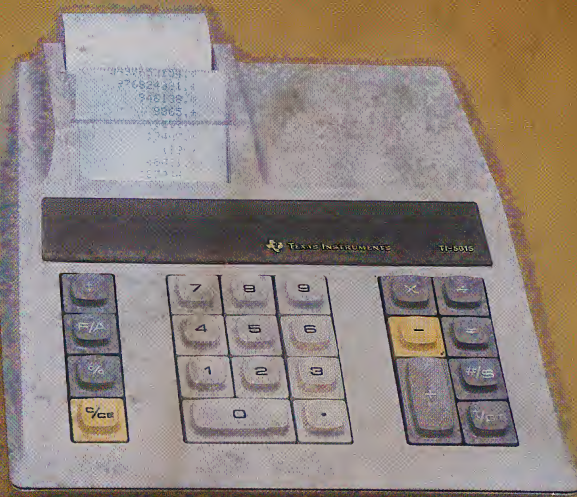
TEXAS INSTRUMENTS' PRINTING CALCULATORS



Ti-5040—Our Most Popular Printing/Display Calculator



Ti-5015—Means Business



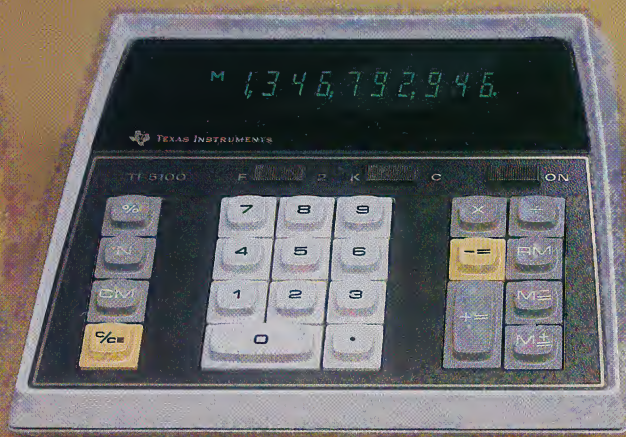
Need a printed record of your calculations, but like the easy-to-read convenience of a lighted display? The Ti-5040 gives you both. And, when you don't need it, you can turn the ribbonless, whisper-quiet printer off. Other features: 4-function memory, independent add register, percent key, automatic constant, non-add key for reference numbers, and full-floating or add-mode decimal selection. **#Ti5040** (5 lbs) **\$89.95**; **#TiDUST2** Dust Cover (1 lb) **\$2.50**; **#Ti27225** Paper, 3 rolls/pkg (2 lbs/pkg) **\$3.25/pkg**

ALSO AVAILABLE:

#Ti5221 Printer/Display, 12 Digits, Memory, Standard 2 1/4" Paper (8 lbs) **\$199.95**; **#STDROLLS** Paper (1 lb/roll) **\$.40/roll**
#Ti5225 Printer/Display, 12 Digits, Memory, Thermal Paper (6 lbs) **\$179.95**
#Ti27225 Paper, 3 rolls/pkg (2 lbs/pkg) **\$3.25/pkg**

This compact printing calculator uses standard business-machine sequence to add, subtract, multiply and divide. It handles multiplication and division by a constant, automatic percentages, and credit balance. A "non-add" key lets you print reference numbers without affecting calculations, and the independent register allows you to perform multiplication and division with no effect on previous add/subtract entries. **#Ti5015** (5 lbs) **\$64.95**; **#Ti27225** Paper, 3 rolls/pkg (2 lbs/pkg) **\$3.25/pkg**; **#TiDUST3** Dust Cover (1 lb) **\$2.00**

DON'T FORGET YOUR TI ACCESSORIES ON PAGE 8



**MARKLINE
SUPER VALUE**

Ti-5100—With Large Green Display

If your business or home needs don't require detail tapes, this is the calculator for you. The Ti-5100 performs all the basic functions and is equipped with a memory to store and recall. Other features: percent key, item-count key, constant switch for multiplying or dividing by a constant without re-entering numbers, decimal selector switch, and large, easy-to-read, ten-digit, lighted display. AC adapter included.

#Ti5100 (4 lbs) **\$39.95**;
#TiDUST1 Dust Cover (1 lb) **\$2.00**



Ti-5025—Handheld Printer/Display

This handheld, portable calculator features an 8-digit display and a quiet, ribbonless printer with selective "on/off" printing key. Its convenient size allows you to take it anywhere in its own special carrying case. Basic calculator functions, percent key, and 4-key "live" memory help solve your computation problems. AC adapter/charger also included.

#Ti5025 (5 lbs)
Markline Super Special at \$54.95;
#Ti12150 Paper, 3 rolls/pkg. (2 lbs/pkg) **\$1.00**

**MARKLINE
SUPER SPECIAL**

Ti TRANSLATOR – Worldwide Freedom of Speech



Sight and sound combine in Texas Instruments' remarkable talking electronic translator with electronic voice and brain. Ti's ingenuity brings you this technical advancement, called Solid State Speech™ which actually speaks words, phrases, and sentences while the easy-to-read display shows you the proper spelling.

On the go in any situation, you can turn to the "Language Translator" to help you communicate. Whether unfamiliar with a language or just brushing up, the "Language Translator" will provide you with the right word, phrase, question or statement. Beginners and experts will appreciate the two-way translating power of this unit. Not only does it pronounce and display foreign languages, it displays English translations of many foreign words as well.

The growing Language Module series, starting with French, Spanish, German, and English, lets you speak the language of your choice. Just plug in the module and let the magic of Solid State Speech tell you what to say. How to pick the language you need? The module

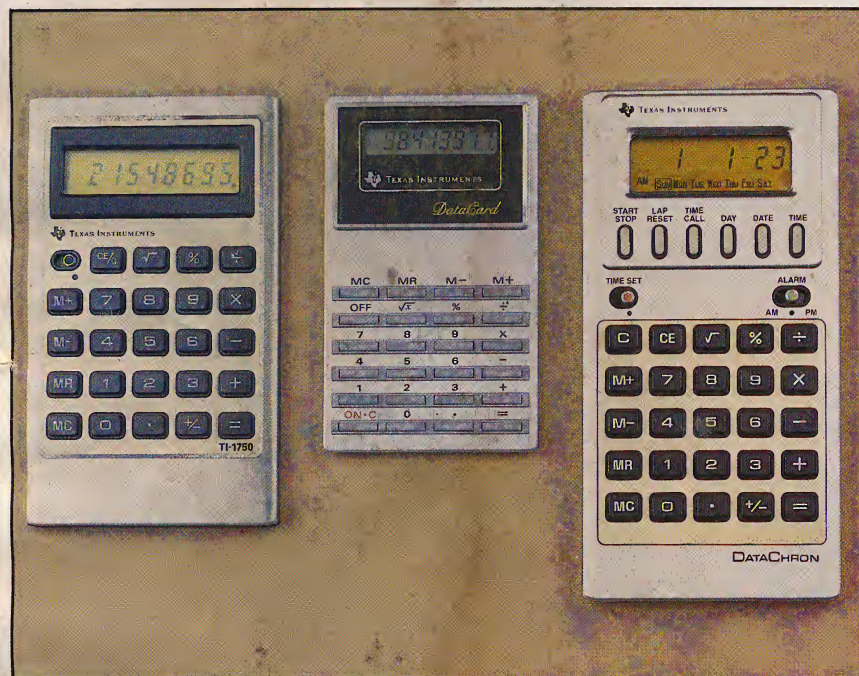
speaks the language it is named for. However, each module contains conversions for the four language groups.

In restaurants, airports, shops, and hotels, the simple reference numbers let you translate entire sentences quickly and easily. The *Memory Learn* feature drills you on pronunciation and translation of words you choose. Help build your vocabulary with the *learn* feature and translate, letter-by-letter, with the *translate* features.

This unit uses four, standard AA alkaline batteries (included) and is fully portable. It comes with a special carrying case, earphone, adapter, Word/Phrase Guide with instructions, and one language module of your choice (please specify).

#TiTRANS (5 lbs) \$299.95
Additional Language Modules
 (1 lb ea.) **\$49.95: #TiFRENCH** – French; **#TiGERMAN** – German;
#TiSPAN – Spanish;
#TiENG – English

Ti's SMALL POWERFUL BASICS



Ti-1750

Small, lightweight and economical, with up to 2,000 hours of operating time per set of batteries. Pencil-thin and pocket-portable, with 4-key memory, it can do add-ons, discounts, interest calculations, and more. The Ti-1750 comes with batteries and in an attractive wallet folder.

#Ti1750 (2 lbs) \$16.95

Ti-1760 DATACARD™

Credit-card compactness with positive action keys, the Datacard features a percentage key, 4-key memory, Liquid Crystal Display, and up to 1500 hours of operation from two batteries (included). The Ti-1760's Automatic Power Down™ protects against power drain.

#Ti1760 (2 lbs) \$19.95

Ti-1790 DATACHRON™

The Datachron is a full-function calculator with clock/alarm (showing hour, minute, second, AM/PM) and stop watch. Features include: square root, percent, 4-key memory, and constant and four arithmetic functions. One year's normal operation on a single set of batteries (included).

#Ti1790 (2 lbs) \$39.95

DON'T FORGET YOUR TEXAS INSTRUMENTS' ACCESSORIES!

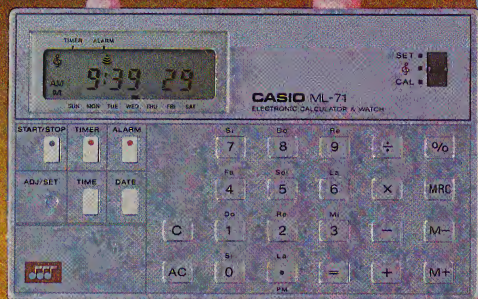


#TiDBC	AA Nicad Battery for SR10/16/2500/2550 (1 lb) \$1.95	#Ti9132	Adapter 110V for models SR40/51-II, Ti55/57/BA/MBA (1 lb) \$5.95
#TiBPIA	Battery Pack for SR50/51/56/58/59 (1 lb) \$8.95	#Ti9180	Adapter for battery-operated calculators (1 lb) \$4.50
#TiBP6	Battery Pack for SR51-II (1 lb) \$5.95	#Ti9200	Adapter 110/120V for all Ti calculators using 9130 adapter (1 lb) \$6.25
#TiBP7	Battery Pack for Ti57/MBA (1 lb) \$7.50	#Ti9130SW	Switchable 110/120V for all rechargeable models (1 lb) \$8.95
#TiBP8	Battery Pack for Ti30/BA, SR40 (1 lb) \$7.50	#TiDUST1	Dust Cover for Ti5100 (1 lb) \$2.00
#Ti12150	Thermal Paper for Ti5025, 3 rolls/pkg (1 lb/pkg) \$1.00/pkg	#TiDUST2	Dust Cover for Ti5040 (1 lb) \$2.50
#Ti20225	Thermal Paper for Ti5050M, 3 rolls/pkg (2 lbs/pkg) \$2.25/pkg	#TiDUST3	Dust Cover for Ti5015 (1 lb) \$2.00
#Ti27225	Thermal Paper for Ti5015/5040, 3 rolls/pkg (2 lbs/pkg) \$3.25/pkg	#TiBC59	Ti59 Program Cards (1 lb) \$14.50
#TiDC	Adapter DC 9-volt for SR52/58/59 (1 lb) \$11.95	#TiMAN59	Ti58/59 Personal Program Manual (1 lb) \$10.95
#Ti9131	Adapter for Ti58/59 (1 lb) \$4.95	#TiPAD	Ti58/59 Programming Pad (1 lb) \$2.00

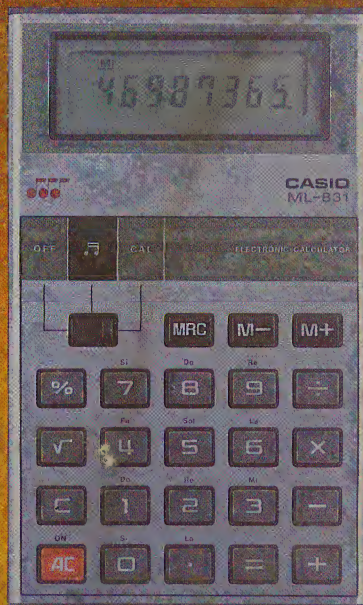
CASIO MELODY CARDS

The World's Smallest Musical Instruments

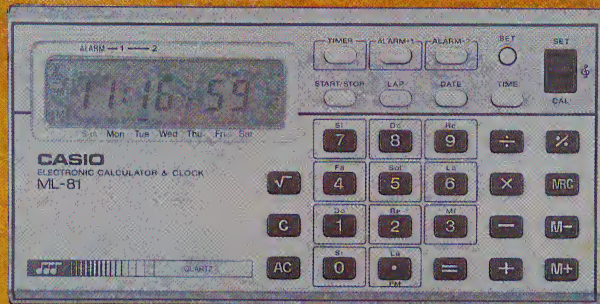
MELODY MINI CARD



MELODY CALCULATOR



MELODY CARD



MELODY MINI CARD

Eleven-note musical keyboard: 2 pre-programmed tunes; 8-digit calculator: +, -, ×, ÷, %, date, calculation, memory; Digital clock: Hr, min, sec, AM/PM, time tone every hour on hour; Alarm: Signal/melody at pre-set time; Countdown: Alarm signal/melody at "zero"; Stopwatch: Normal, net timings at 1/10 sec; Calendar: Yr, mo, day, date, programmed (1901-2099); Credit card size: $\frac{3}{16} \times 3\frac{3}{8} \times 2\frac{1}{4}$ "; Batteries, carrying case included. **#CML71 (2 lbs) \$44.95**

MELODY CARD

Eleven-note keyboard: 3 tunes (2 for alarm, 1 for timer); 8-digit calculator: +, -, ×, ÷, √, %, memory; Digital clock: Hr, min, sec, AM/PM, time tone hour on hour; Alarm: 2 signals (alarm tone with melody later, or different melody); Countdown: Alarm signal/melody at "zero"; Stopwatch: Normal, net, lap timings at 1/10 sec; Calendar: Yr, mo, day, date, programmed (1901-2099); Pocket-size: $\frac{5}{16} \times 4\frac{1}{4} \times 2\frac{1}{4}$ "; Batteries, case included. **#CML81 (2 lbs) \$44.95**

MELODY CALCULATOR

Eleven-note musical keyboard with sustained melody tones and reverberation; Calculator: +, -, ×, ÷, %, √; 8-digit display: 16-digit approximation; Independent memory: Direct arithmetical access for mixed calculations, markup; Automatic shut-off: Prolongs battery life, stored memory is retained; Smaller than a pocket diary at $\frac{1}{4} \times 2\frac{5}{8} \times 4\frac{1}{2}$ "; Batteries and carrying case included. **#CML831 (2 lbs) \$18.95**

Mini-miracle: Printing Calculator CASIO HANDHELD PRINTER

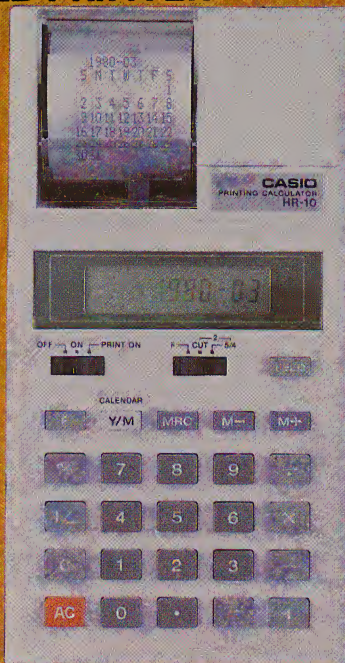
Electrical discharge system gives printed record of each step; Calculator has 10-digit display, arithmetic functions, percentage operations; Printout shows operational signs; Independent memory provides fast answers when handling mixed calculations; Algebraic logic lets you enter problems just as you'd write them.

Trimmiest printing calculator ever made—only $1\frac{5}{8} \times 3\frac{1}{2} \times 6\frac{3}{8}$ "—it fits in pocket, purse, or briefcase for portable convenience. As a bonus, at your command, CHR-10 prints any of the 2,388 months between January 1901 and December 2099. Operates on 4 AA batteries, included.

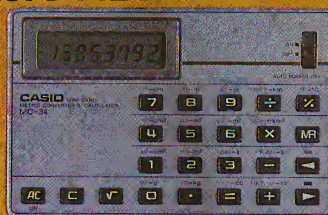
#CHR10 (4 lbs) \$49.95;

#CMP36XS

Paper, 5 rolls/ pkg (1 lb/pkg)
\$6.00/pkg



What the World Needs Now CASIO METRIC CONVERTER



- Essential in international business or travel
- Performs 34 conversions (17 from US/UK to metric, and vice versa)
- One keystroke converts displayed amount to alternative measurement system

Length: Inches/centimeters, feet/meters, miles/kilometers; Area: Inches²/centimeters², feet²/meters²; Volume: Inches³/centimeters³, feet³/meters³; Liquid: US fluid ounces/milliliters, US gallons/liters; imperial fluid ounces/milliliters, imperial gallons/liters; Mass: Ounces/grams, pounds/kilograms; Temperature: °F/°C.

- Prepares you for US to metric conversion for selected measurement standards
- Also a precision calculator; performs arithmetic functions, √, % (add-ons/discounts, markup/markdown)
- Independent memory provides answers when handling mixed calculations
- Only $\frac{5}{32} \times 3\frac{1}{4} \times 2\frac{1}{8}$ "; operates on 2 silver oxide batteries, included

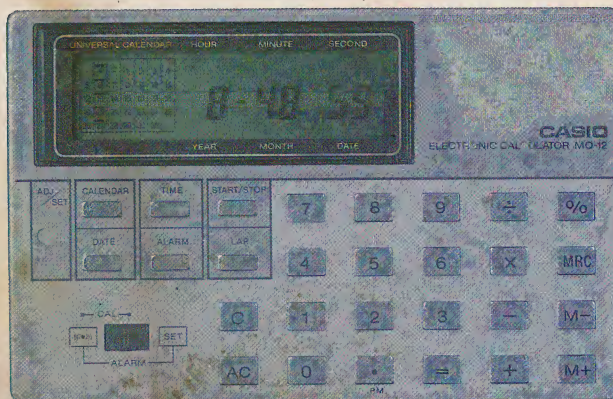
If your business involves product import or export, no longer do you have to compute the conversion from US measures to the metric system used overseas. One keystroke of the Casio Metric Converter gives you the answers you seek. Even converts from United Kingdom liquid measure (imperial) to metric, and vice versa. Also a convenient, portable metric conversion instrument when traveling abroad for business or pleasure. **#CMC34 (2 lbs) \$19.95**

CARD-WATCHES/CALENDARS/CALCULATORS

CASIO MQ-12 CARD-WATCH **NEW**

- Clock shows hr/min/sec, AM/PM, signals tone every hour on the hour
- Alarm gives signal at preset time
- Calendar shows yr/mo/day and date with clock or calculator display; permanently programmed from 1910 to 2099
- Stopwatch: normal, net and lap timings in 1/10-sec steps, up to 23 hr/59 min/59.9 sec
- Calculator has 8-digit display (16-digit approximation), constants for arithmetic functions, %, independent memory
- Only $\frac{3}{16} \times 3\frac{5}{8} \times 2\frac{3}{8}$ "; batteries and carrying case included

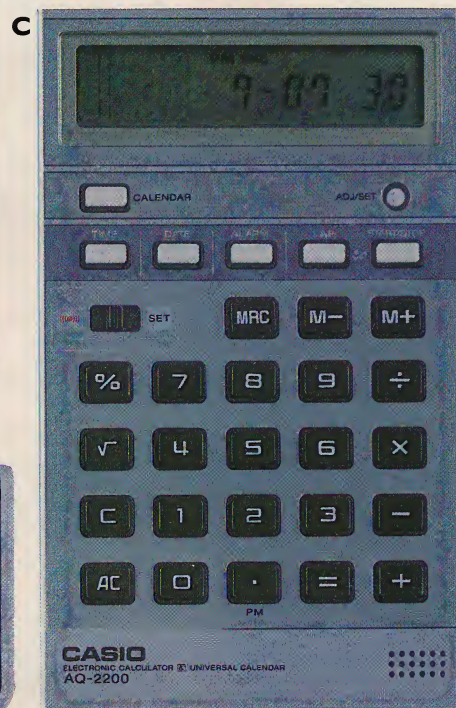
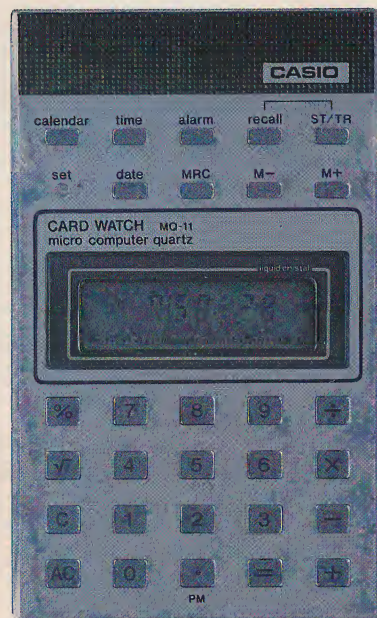
#CMQ12 (3 lbs) \$47.95



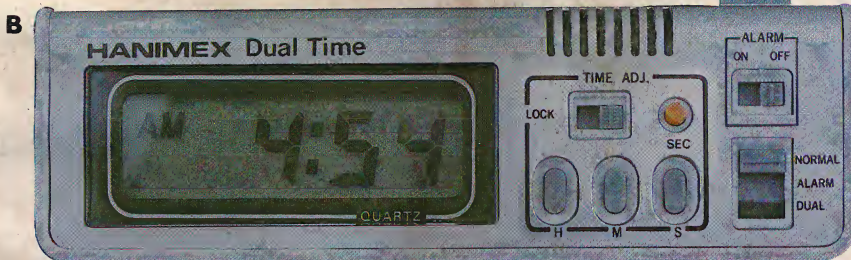
CASIO MQ-11 GENIUS CARD

- Clock shows hr/min/sec
- Alarm gives two signals at preset times
- Countdown: timer beeps when zero is reached
- Calendar shows month, day of week, has 3 date memories and universal calendar
- Stopwatch: normal and net timings in 1/10-sec steps, up to 23 hr/59 min/59.9 sec
- Calculator has 8-digit display, arithmetic functions, %, $\sqrt{\quad}$, independent memory
- Only $\frac{3}{16} \times 3\frac{5}{8} \times 2\frac{1}{4}$ "; batteries and carrying case included

#CMQ11 (3 lbs) \$47.95



TRAVELING COMPANIONS



A. ALARM/ CALCULATOR

- Casio's lowest-priced calculator with alarm clock facility
- Clock displays hr, min, sec, AM/PM, time tone every hour on the hour
- Alarm signal beeps at preset time
- Calculator has 8-digit display (16-digit approximation), performs arithmetic functions and %
- Independent memory for performing mixed calculations
- Only $\frac{3}{16} \times 3\frac{5}{8} \times 2\frac{1}{4}$ "
- Includes 2 silver oxide batteries and carrying case

#CPW81 (3 lbs) \$29.95

B. DUAL-TIME ALARM **NEW**

- Hanimex's solution to time problems of international travelers allows simultaneous setting of two different times
- Easy-to-read LCD shows you the correct time (hr, min, AM/PM) at locations in two different time zones, with the press of a key
- Electronic alarm sounds for full 7 minutes after preset time
- Snooze feature: alarm is automatically reactivated 6 minutes later if not shut off during first call
- Micro light for readability in the dark
- Battery and carrying case included

#HA707690 (2 lbs) \$29.95

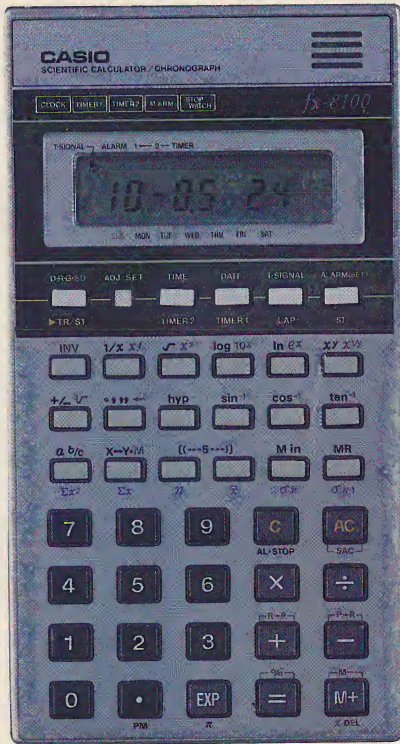
C. CASIO AQ-2200 TIMEKEEPER

- Clock displays hr/min/sec, AM/PM, tone sounds every hour on the hour
- Alarm signals at preset time
- Calendar shows full month with clock or calculator display and day of month; permanently programmed for every month, 1910 to 2099
- Stopwatch has normal, net, and lap timings in 1/10-sec increments
- Calculator has 8-digit display with 16-digit approximations; performs arithmetic, %, $\sqrt{\quad}$, and date calculations
- Only $\frac{9}{32} \times 2\frac{5}{8} \times 4\frac{1}{2}$ " fits pocket, purse or briefcase in its wallet
- Operates on 2 silver oxide batteries, included

#CAQ2200 (3 lbs) \$39.95

CASIO SCIENTIFIC ASSISTANTS

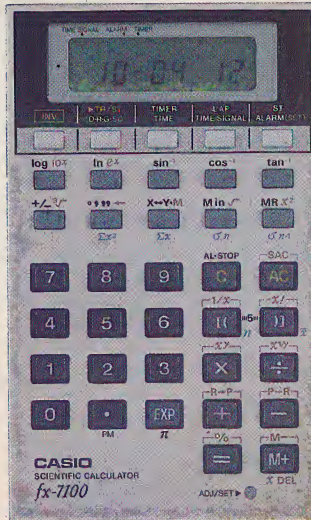
NEW



Scientific Calculators with Time Functions

- FX-7100 ($2\frac{1}{8} \times 3\frac{3}{8} \times \frac{3}{16}$ ") performs 39 algebraic, trigonometric, logarithmic functions;
- FX-8100 ($2\frac{3}{4} \times 5\frac{1}{8} \times \frac{1}{4}$ ") performs 46 scientific functions
- Both are clocks with alarm, countdown timers, and stop watches
- FX-8100 also has a calendar display

For the student or career professional in science or mathematics, these fine instruments meet most basic data computation requirements—plus valuable time and timing information.



As calculators, they provide these functions:

Algebraic: %, x^2 , square root, cube root, $1/x$
Trigonometric: Sin, Cos, Tan, and inverses; FX-8100 also provides hyperbolic

Logarithmic: Log 10^x , Lne^x

Statistical: Summations, Σx , Σx^2 , σn , $\sigma n - 1$; FX-8100 also provides y^x , $x^{1/y}$, n , and x

Data Grouping: Algebraic system; up to 5 sets of parentheses

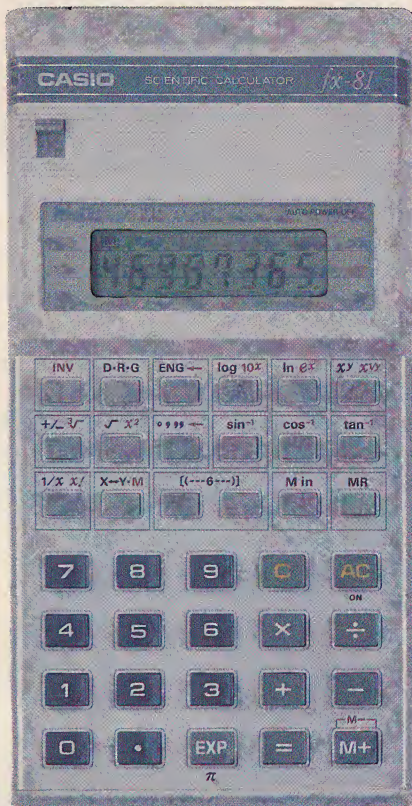
Both units have clock display of hr, min, sec, AM/PM, with time tone every hour on the hour, and alarm tone that signals at preset time. Both may be used as *count-down alarm* that signals when zero is reached; FX-8100 has two timers. Both are precision *stopwatches*, for normal, net, or lap timing in 1/100-second increments. FX-8100 also has a *calendar*, displaying year, month, date, and day; permanently programmed, 1976 to 1999.

Each operates on two silver oxide batteries (included) and comes with a carrying case.

#CFX7100 (3 lbs) \$44.95

#CFX8100 (3 lbs) \$44.95

MARKLINE
SUPER VALUE



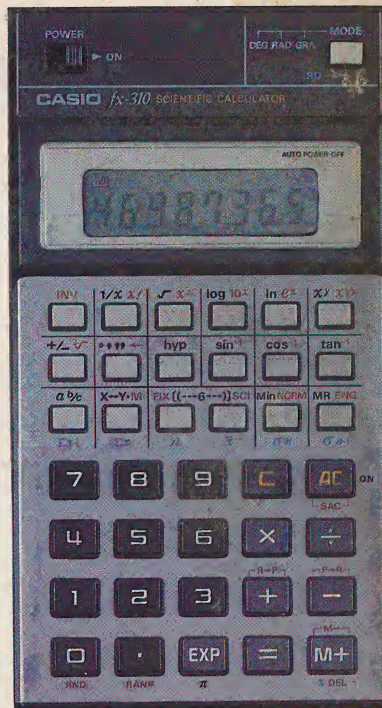
FX-81 Basic Math, Basic Economy

Algebraic: π , x^2 , square root, cube root, $1/x$, x^y , $x^{1/y}$, $x!$
Trigonometric: Sin, Cos, Tan, and inverses
Logarithmic: Log x , Log 10^x , Lnx , Lne^x

The FX-81 performs 30 scientific functions. You can perform complex calculations, with as many as 6 sets of parentheses, in less time than it would take you to write the equations. Independent memory for storage, and/or mixed calculations, and recall. Constants for 6 functions simplify and accelerate the calculation procedures.

Automatic power-off feature prolongs battery life (batteries included). Compact—only $\frac{3}{4} \times 3 \times 5\frac{7}{8}$ ".

#CFX81 (3 lbs) \$17.95



Scientific Researcher

CASIO FX-310

NEW

If you demand flexibility and versatility in solving scientific and mathematical equations, the FX-310 provides almost all you could ever ask for.

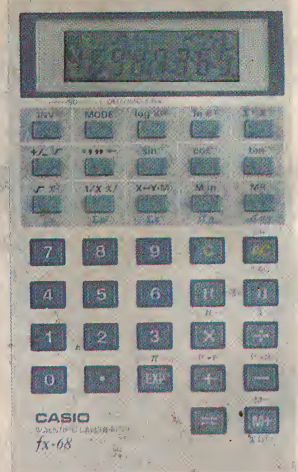
At your fingertips are 50 scientific functions—all those described for the FX-68, plus operations for random numbers, fixations of significant numbers of digit and fixed decimals with round-up/off, with constant memory feature.

Pocketable at $\frac{1}{4} \times 2\frac{7}{8} \times 5\frac{1}{4}$ ". Batteries and carrying case are included.

#CFX310 (3 lbs) \$27.95

Scientific Math Made Easy

- Three models—for beginning and advanced students, and career professionals at every level of science and math
- True algebraic logic
- Either 8-digit display or 6-digit mantissa with 2-digit exponents



Advanced Scientific

CASIO FX-68

Here's scientific capability for the professional who requires pocket-portable calculation power.

The FX-68 performs 38 scientific functions: all the algebraic, trigonometric, and logarithmic operations described for the FX-81, plus degrees, radians, grads. Also provides statistical summations (Σx , Σx^2 , σn , $\sigma n - 1$), and standard deviation.

Operates approximately 500 hours on two silver oxide batteries (included). Automatic shut-off conserves battery life. Dimensions: $\frac{3}{16} \times 2\frac{1}{8} \times 3\frac{3}{8}$ ".

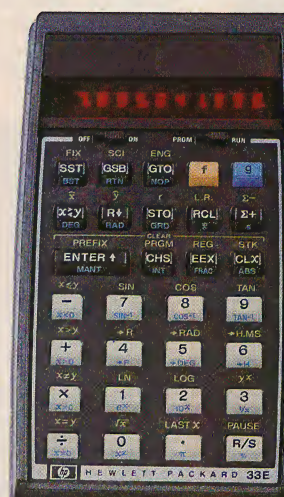
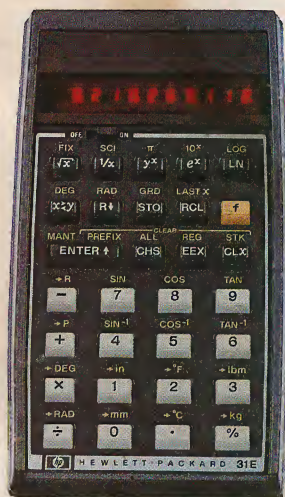
#CFX68 (2 lbs) \$27.95

HP-31E SCIENTIFIC

HP-32E ^{SUPER VALUE} SCIENTIFIC WITH STATISTICS

HP-33E SCIENTIFIC PROGRAMMABLE

HP-34C ADVANCED SCIENTIFIC PROGRAMMABLE



Display: Scientific Notation (7-digit mantissa, 2-digit exponent), Fixed Notation (10-digit mantissa), Expansion/Removal; Algebraic: π , x^2 , $\sqrt{}$, x , $1/x$, y^x , metric conversions; Trigonometric: Sin, Cos, Tan, and inverses; degrees, radians, grads; Logarithmic: Log x , 10^x , $\text{Ln} x$, e^x ; Data Grouping: RPN logic; Memories: 4 stack, 4 addressable. Case, rechargeable battery, adapter/recharger.

HP31E (3 lbs) \$49.95

All the functions of the HP-31E plus Engineering Notation, selected metric conversions, hyperbolics, and decimal angle to angle in degrees (hr)/min/sec; Statistical: Summations ($\sum x$, $\sum x^2$, $\sum y$, $\sum y^2$, $\sum xy$), % change, % of total, normal distribution, two-variable means, linear regression/estimate, correlation coefficient, factorial; Data Grouping: RPN logic; Memories: 4 stack, 15 addressable. Case, rechargeable battery, adapter/recharger.

#HP32E (3 lbs) Markline Super Value at \$59.95

All the functions of the HP-32E, plus: program data with keycodes, intermediate and final results; decimal/degrees conversion, hyperbolics; Statistical: summations, mean, two-variable standard deviation, and more; programs in instruction book for financial operations; Data Grouping: RPN logic; Memories: 4 stack, 8 addressable; Program: 49 lines of merged keystrokes, program review, conditional/unconditional branching, 3 levels of subroutines.

**#HP33E (3 lbs) \$79.95;
#HP33C With Constant memories (3 lbs) \$114.95.**

All the functions of the HP-33E, plus statistical programs in instruction book for financial operations; "Solve" and "Integrate" keys; Data Grouping: RPN logic; Memories: 4 stack, 21 addressable; Program: maximum 210 lines with up to 4 key-strokes/line, indirect addressing, unconditional subroutine branching, controlled looping; 12 Labels; Up to 4 flags; full editing capability. Constant memory feature. Case, rechargeable battery pack, adapter/recharger.

#HP34C (3 lbs) \$144.95



Fully Advanced Programmable Scientific for Business and Engineering Applications

HP-67 and HP-97 HANDHELD AND PRINTING CALCULATORS

Write programs of up to 224 steps with the HP-67 and HP-97. Each function is merged to take only one step of program memory. Other programming features: 10 user-definable keys, 8 conditional tests, decision functions, 4 flags, 3 types of addressing, 10 alpha and 10 numeric labels, magnetic card reader controls all read/write operations.

**#HP67 Handheld, with Rechargeable Battery, AC Adapter/Recharger, Carrying Case (5 lbs) \$349.95;
HP97 Desktop, with Built-in Printer (10 lbs) \$645.00;
#HP82045A Paper for HP-97, 6 rolls/pkg (2 lbs/pkg) \$6.25/pkg**

HEWLETT PACKARD ACCESSORIES

Software for HP67 and HP97 (use same software except standard pack)

- #HP13101** Standard Pack for HP97 (3 lbs) **\$31.00**
- #HP13102** Standard Pack for HP67 (3 lbs) **\$31.00**
- #HP13111** Statistical (3 lbs) **\$31.00**
- #HP13121** Math-I (3 lbs) **\$31.00**
- #HP13144** Business Decisions (3 lbs) **\$31.00**
- #HP13165** Clinical Lab and Medical (3 lbs) **\$31.00**
- #HP13131** Electrical Engineering-I (3 lbs) **\$31.00**
- #HP13155** Mechanical Engineering-I (3 lbs) **\$31.00**
- #HP13175** Survey-I (3 lbs) **\$31.00**
- #HP13142** 3 Program Card Holder (2 lbs) **\$9.00**
- #HP13143** 120 Blank Cards (2 lbs) **\$39.95**
- #HP13154** Programming Pad (2 lbs) **\$4.00**
- #HP13185** Games (3 lbs) **\$31.00**

- #HP13205** Navigation (3 lbs) **\$31.00**
- #HP13195** Civil Engineering (3 lbs) **\$31.00**
- Classic Line of Products: HP35, HP45, HP55, HP65, HP70 & HP80**
- #HP82001A** Battery Pack (1 lb) **\$8.95**
- #HP82002A** Recharger 110/220 Volts (2 lbs) **\$18.95**
- #HP82004A** Reserve Power Pack (2 lbs) **\$18.95**
- #HP82054** 12 Volt DC Recharger (2 lbs) **\$29.95**
- HP Series 'E' Accessories**
- #HP82109A** Battery (1 lb) **\$6.00**
- #HP82087A** Recharger (2 lbs) **\$10.00**
- #HP82103A** Reserve (2 lbs) **\$14.50**
- #HP82144A** DC Charger (2 lbs) **\$29.95**
- #HP3015** Solving problems with HP31E/32E/33E (1 lb) **\$2.00**
- #HP339024** HP33E Standard Book (1 lb) **\$5.00**

- #HP339030** HP33E Mathematics Book (1 lb) **\$5.00**
- #HP339031** HP33E Statistics Book (1 lb) **\$5.00**
- #HP339032** HP33E Student Engineering (1 lb) **\$5.00**
- #HP339033** HP33E Surveying Book (1 lb) **\$5.00**
- #HP389001** HP38E Owners Handbook (1 lb) **\$6.00**
- #HP389024** HP37E/38E Real Estate (1 lb) **\$5.00**
- #HP389025** HP37E/38E Lending, Savings & Leasing (1 lb) **\$5.00**
- #HP389026** HP37E/38E Investment Analysis & Statistical (1 lb) **\$5.00**
- Woodstock Line of Products: HP21, HP22, HP25, HP25C, HP27 & HP29C**
- #HP82019A** Battery Pack (1 lb) **\$6.95**
- #HP82026A** Recharger 110/220V (2 lbs) **\$13.95**

- #HP82028A** Reserve Power Pack (2 lbs) **\$18.95**
- #HP82029A** Security Cradle (4 lbs) **\$25.25**
- #HP82041A** 110 Volt Recharger (2 lbs) **\$6.95**
- Portable Printing Calculators: HP91, HP92, HP97**
- #HP82033A** Battery Pack (2 lbs) **\$16.50**
- #HP82037A** Reserve Power Pack (2 lbs) **\$29.95**
- #HP82044A** Security Cable & Lock (2 lbs) **\$8.50**
- #HP82045A** Thermal Paper, 6 rolls (2 lbs) **\$6.25**
- Portable Printing Calculators: HP10, HP19C**
- #HP82059** Recharger 110 Volt (2 lbs) **\$10.95**
- #HP82051** Thermal Paper, 6 rolls (2 lbs) **\$4.65**
- #HP82052A** Battery Pack (2 lbs) **\$15.00**

THE CALCULATION SYSTEM

A New Standard in Personal Calculators

HP-41C A Calculator, A System

HEWLETT  PACKARD



The system's alphanumeric capability lets you communicate with it in simple English: name and label programs, functions, variables, constants—and prompt for data—with words or sentences. Type in any combination of letters and numbers up to 24 characters wide, and 12 characters can be reviewed at one time. Even error messages are displayed in plain English.

For aural feedback, use the system's 10-tone "beeper" to signal the end of a program or data entry point without monitoring the display.

All functions are found in the HP models are built into this HP-41C system. Specialized statistical functions are available in plug-in program modules. You can reassign keyboard functions for special requirements. Two keyboard overlays and user labels are provided for your customization.

Four type N batteries, carrying case, and guides are included.

#HP41C (5 lbs) \$289.95
#ERNCELL type N Battery (1 lb) \$1.50 ea. (4 required)

SMART CARD READER™

Write and store your own programs and data on magnetic cards, or store overflow of programs that exceed basic memory capacity of the HP-41C.

#HP82104A (3 lbs) \$204.95
#HP13143 Blank Cards (2 lbs) \$39.95

MEMORY MODULE Contains an additional 64 registers that can be allocated as program memories or storage registers, in any combination. Adding up to four plug-in modules to your HP-41C gives you 2000 program

- **The Heart:** A powerful, programmable, handheld, alpha-numeric calculating instrument with 63 data storage registers or up to 400 lines of program memory—expandable with optional plug-in memory modules
- **Optional extra-smart plug-in magnetic card reader** lets you create and store your own specialized programs
- **Printer/Plotter** available to give you permanent record of operations, procedures, and results
- Over 130 operations are built into the "heart," with 58 functions on keyboard
- Specialized programs available in plug-in program modules

instructions or 319 storage registers.

#HP82106A (2 lbs) \$39.95

PRINTER/PLOTTER Has 127 functions of its own, provides alpha-numeric printout of operations, program steps, results, for a permanent record of the entire procedure in solving a problem. Rechargeable battery pack included.

#HP82143A (8 lbs) \$369.95

#HP82045A Paper, 6 rolls/pkg (2 lbs/pkg) \$6.25

#HP80233A Rechargeable Battery Pack (2 lbs) \$16.50
#HP82035A Carrying Case (1 lb) \$8.50

Choice of Business
 Students and Professionals

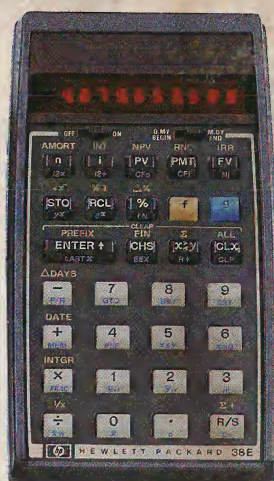
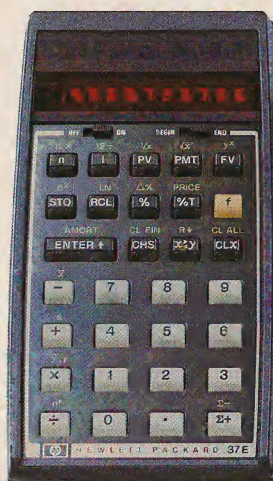
HP-37E

Business Calculator

- For fast, accurate financial decisions in investments, real estate, retailing
- Solves compound interest problems
- Computes yield with a balloon
- Provides amortization schedules
- Full set of statistical functions plus factorial
- 5 financial functions plus 7 user storage registers

If you need to compute cash flow, investment yield, simple or compound interest, amortization or depreciation, or if you seek any of hundreds of other business and financial solutions, the HP-37E meets your requirements perfectly. Financial keys allow you to solve for a fifth variable, when given four in a time-and-money problem. With carrying case, rechargeable battery, AC adapter/recharger, application and instruction booklet.

#HP37E (4 lbs) \$69.95



Handheld
 Programmable
 Business Machine

HP-38

PROGRAMMABLE BUSINESS CALCULATOR

- All the business, financial, retailing, real estate problem-solving capability of the HP-37E plus programmability
- Avoids tedious repetition of keying in constantly used operations
- Up to 99 lines of easy keystroke programming; up to 3 keystrokes per line
- Internal rate of return for up to 20 groups of cash flows with 99 cash flows in each group
- 2,000-year calendar; calculates actual number of days between dates

If you're in any aspect of business that requires specialized calculations with repetitive operational procedures, you'll appreciate the time and trouble you save by programming the procedures into your HP-38. With the HP-38C's continuous memory feature, your program remains in memory even when you switch the unit off. With carrying case, rechargeable battery, AC adapter/recharger, applications and instruction booklet.

#HP38E (4 lbs) \$109.95;
HP38C With continuous memory feature (4 lbs) \$144.95

APPLICATION BOOKS (for HP-41C)

(1 lb; \$12.95 each)

#HP419082 Statistics
#HP419083 High Level Math
#HP419084 Geometry
#HP419086 Leasing
#HP419088 Electrical Engineering
#HP419089 Civil Engineering
#HP419090 Mechanical Engineering
#HP419092 Control Systems
#HP419093 Antennas
#HP419094 Bus. Statistics Forecast
#HP419096 Home Construction
#HP419097 Cardio-Pulmonary
#HP419099 Games
#HP419100 Chemical Engineering
#HP419102 Chemistry
#HP419136 Real Estate
#HP419137 Small Business
#HP419138 Solar Engineering

#HP419139 Fluid Dynamic
 Hydraulics
#HP419140 Heating/
 Air Conditioning
#HP419141 Surveying
#HP419142 Physics
#HP419143 Optometry-I
#HP419144 Optometry-2
#HP419145 Calendar

MODULES

#HP415001 Standard Application (2 lbs) \$27.95
#HP415002 Statistics (2 lbs) \$39.95
#HP415003 Mathematics (2 lbs) \$39.95
#HP415005 Surveying Test (2 lbs) \$39.95

Call us for a quantity quotation

SHARP CALCULATORS FOR EVERY NEED

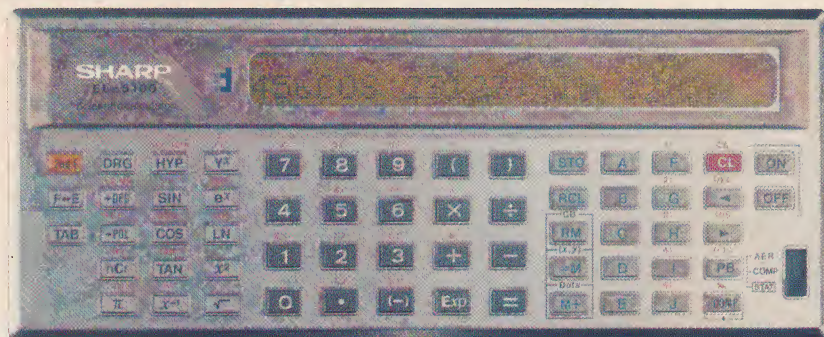
SHARP 5100

61-Function All-Problem Solver

Alpha-numeric 24-digit dot matrix LCD rolling writer displays numbers, letters and symbols up to 80 steps; instant playback for visual editing, correcting or testing. Direct formula entry accepts up to 15 levels of parentheses; 10 data memories, stores even when power is off. AER, COMP and STAT modes; auto power-off and Memory Safe Guard™. Batteries, case and manual included. **#SP5100 (3 lbs) \$89.95**

SHARP 5101 Includes same features as 5100 with 16-digit display up to 48 steps, 5 data memories. **#SP5101 (3 lbs) \$69.95**

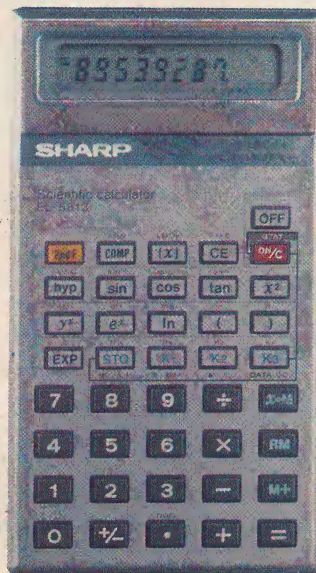
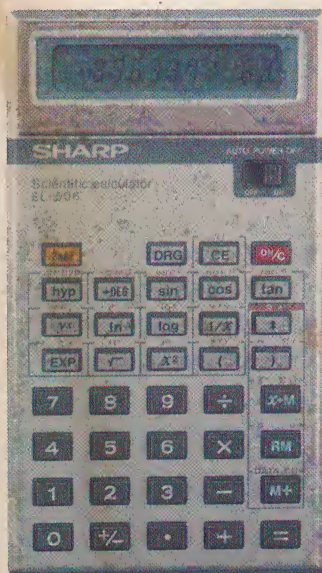
Advanced Analysis With Sharp 5100 Scientific Calculator (book) **#SP5100PB (2 lbs) \$6.95**



SHARP 506

38 Pre-Programmed Functions

This model offers direct formula entry—no need for translation. Functions include trigonometric, logarithmic, hyperbolic, statistical and others. Features 3 levels of parentheses plus 4 levels of pending operations, and all the keys needed for solving math problems. Automatic power-off, almost limitless capacity with 8-digit mantissa and 2-digit exponent. Easy-to-read, low-power LCD display. **#SP506 (3 lbs) \$24.95**



SHARP 5813

37-Function LCD

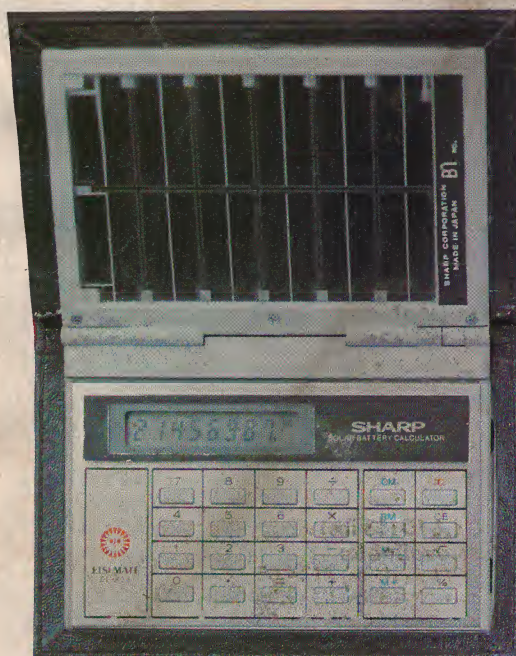
For solving problems in math, statistics/probability, civil engineering, electricity, physics, business and more. Direct formula entry; input capacity up to 15 levels of parentheses and 6 levels of pending operations. 30-step programmability, 6 storage memories, 3-key memory, all protected by Memory Safe Guard™. Slim, portable design, automatic power-off. Comes with attractive wallet case. **#SP5813 (3 lbs) \$34.95**

NEW

SHARP SOLAR 825

8-Digit Wallet Calculator

Built-in selenium solar batteries operate this slim card-sized model; it's "on" when open, "off" when shut. Easy-to-read display; 4-key memory; percent key; floating decimal. Fits into pocket, purse or briefcase. **#SP825 (2 lbs) \$21.95**



SHARP 8159

8-Digit with Sensor Touch

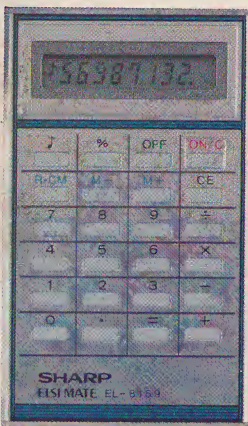
Sensor touch keys let your fingers sense each input. Audible input check mode emits a pleasant beep to confirm entry; silent mode also possible. Automatic power-off; 3-key memory; on-off/clear and one-touch percent keys. Sleek (3/16") model includes batteries and soft case. **#SP8159 (2 lbs) \$14.95**

MARKLINE SUPER VALUE

SHARP 806IE

Miniature Clock/Calculator

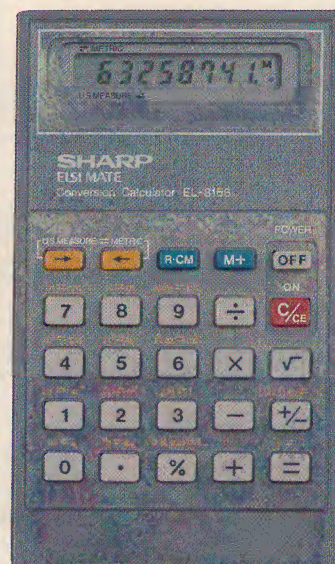
Tiny as it is, this clever "Hang-A-Round" calculator includes an 8-digit display with built-in hour/minute/second clock with alarm and date/day of week calendar. Features minus, error, set mode, AM/PM, percent keys. Comes with vest-pocket watch chain and batteries. **#SP806IE (2 lbs) \$34.95**



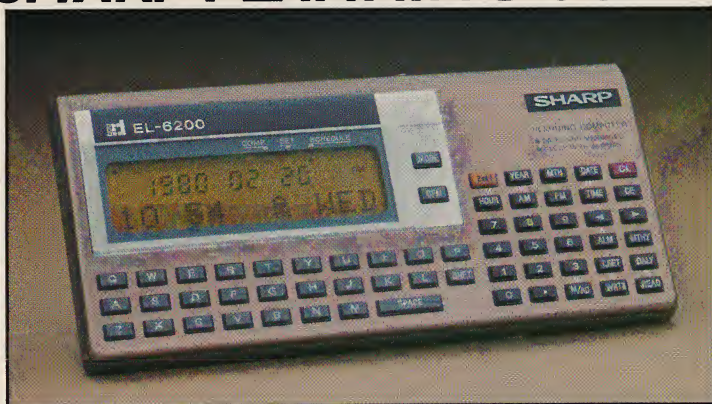
SHARP 8156

28-Unit Metric Converter

Handsome wallet model offers quick, easy conversion to metric or vice versa, with 14 pre-programmed factors. Automatic power-off, 2-key memory, one-touch percent, square root and sign-change keys. Fits pocket or briefcase. **#SP8156 (2 lbs) \$19.95**



SHARP PLANNING COMPUTER



Instant Reminder of
Important Dates, Trips, etc.

SHARP 6200 The Planning Computer

Acts as a "secretary"—helps organize your schedules, messages and addresses. Even helps with budget calculations. Merely input your plans and schedule: the 6200 will announce each appointment by an alarm and show it on the display. Dot matrix 12-digit display shows letters, numbers and symbols. Plus: a 10-digit calculator with 4-key memory, clock, perpetual calendar and memo pad. Batteries and carrying case included. **#SP6200 (4 lbs) \$89.95**

SHARP PRINTER/DISPLAY CALCULATORS



SHARP 1182

Make light of office work with this compact, versatile unit. Clear, easy-to-read print-out of 10 numerals and 2 symbols; uses standard roll paper. Automatic 3-digit punctuation; 4-key memory; one-touch percent key. Print-non-print selector for economy. Comes with roll paper, ink roller and dust case.

**#SP1182 (8 lbs) MARKLINE
SUPER SPECIAL at \$79.95;
#STDROLLS Paper (1 lb) \$.40**

SHARP 1185

A versatile, small portable calculator with all-wanted features; print/non-print selector to save paper; decimal selector with add mode; 4-key independently accessible memory; one-touch percentage key; constant-reciprocal. Also: add-on/discount calculations, non-add/sub-total key. Complete with batteries and soft case.

#SP1185 (6 lbs) \$64.95

SHARP 2168

A low-priced, desktop printing calculator for business use. 4-key memory, one-touch percent key and item counter. 2-key roll-over system and input buffers for fast operation. Also: one-touch double zero and paper feed keys; print/non-print selector; manual paper feed roller. Ink roller built in for extra durability.

**#SP2168 (8 lbs) \$114.95
#STDROLLS Paper (1 lb) \$.40**

VICTOR PRINTER/DISPLAY CALCULATORS



VICTOR 120

Calculator/Adding Machine

This versatile combination unit offers independent grand total, a choice of print-and-display or display only. Multiplication and division, automatic constant and percent keys.

**#VC120 (8 lbs) \$144.95
#STDROLLS Paper (1 lb) \$.40
Also available:
#VC100 Display printer (7 lbs) \$114.95**

VICTOR 670

Fully Electronic Printer

This solidly efficient unit handles most office needs. Features include 4-key memory, fast printer, enclosed paper roll, ribbon cassette, independent group and GT, and much more.

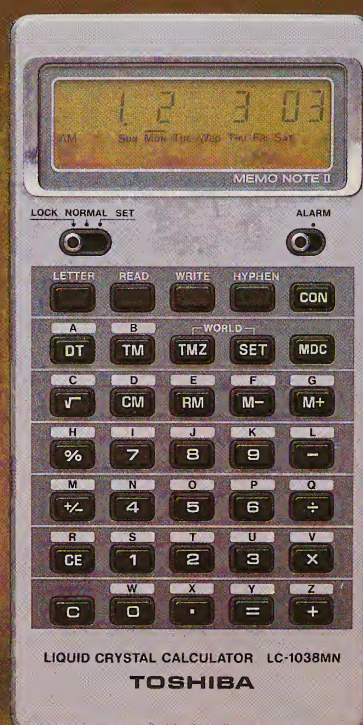
**#VC670 (13 lbs) \$249.95
Also available:
#VC605 (10 lbs) \$134.95
#VC610 (13 lbs) \$149.95
#VC620 (10 lbs) \$204.95
Paper for VC600 series **#STDROLLS (1 lb) \$.40**
Ribbons for VC600 series **#VC600RB (1 lb) \$2.95****

NEW

TOSHIBA 840WA

- Pocket-size calculator/clock/calendar with alarm function
- 8-digit display with memory
- Year, month, date and time displayed simultaneously with alarm indicator
- Displays year from 1901 to 2099
- Month displayed in letters; day flashes
- Recalls time while calculating, and recalls previous result
- Batteries included

#TB840WA (3 lbs)
\$39.95



TOSHIBA 1038MN

- Unique 30-alarm, full-function pocket calculator
- Functions in any combinations of day, week, month or year
- 10-character/10-digit alpha-numeric LCD display expandable to 40-characters
- Displays month, date, day, AM/PM, hour and minute
- Instant recall of world time in any of 26 separate time zones
- Alarm can be set up to 1 year ahead
- Batteries included

#TB1038MN (3 lbs)
\$99.95

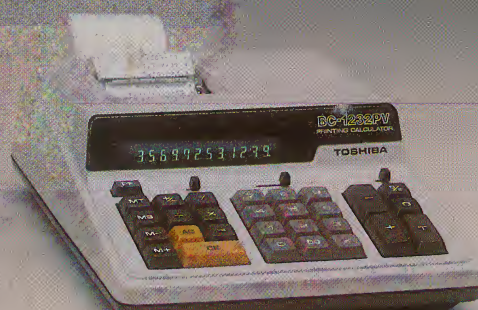
PRINTER/DISPLAY CALCULATORS FOR OFFICE OR HOME

NEW

TOSHIBA LC-1286



This 12-digit small desktop digitron display calculator features 4-key adding system, fixed/floating decimal, automatic accumulation of multiplication/division results and more. Everything needed for standard business use. #TB1286 (6 lbs) \$39.95; #ERD Requires 4 "D" Batteries 2/pkg (1 lb/pkg) \$1.95/pkg



TOSHIBA LC-123PV

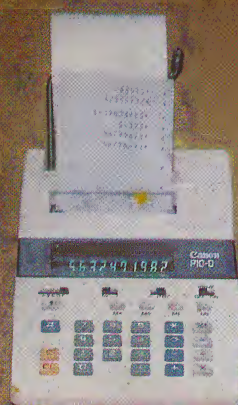
Full-function model provides 12-digit capacity, high-speed 2-color printer with 4-key independent memory, sigma, automatic item counter and constant function, bright digitron display. Comes with dust cover and roll of standard paper. #TB1232PV (9 lbs) \$99.95; #STDROLLS Paper (1 lb) \$.40

HAND-HELD AND DESKTOP UNITS



CANON P7-D

World's smallest plain-roll paper printing and display calculator—goes anywhere you go. Full-size features include 10-digit capacity; 4-key memory; bright, easy-to-read display; built-in rechargeable batteries. #CP7D (3 lbs) \$69.95 #CNPAP7D Paper, 5 rolls/pkg (2 lbs/pkg) \$1.00/pkg



CANON P10-D

The slightly larger portable P10-D offers the same features as the P7-D, plus a switch for round-off/round-down. Ink rollers for both models are easily replaced with no mess—slip old one out, drop new one in. #CPI0D (3 lbs) \$89.95 #STDROLLS Paper (1 lb) \$.40



OLIVETTI UNDERWOOD 510PD

Super value—with a low-priced print/display unit with all basic calculator and adding machine features: 10-digit capacity, 4-key memory, automatic constants, non-print, item count, floating decimal, bright display. #UN510PD (6 lbs) \$99.95 #STDROLLS Paper (1 lb) \$.40

MIND AGAINST MACHINE— THE NEW ELECTRONIC GAMES

VOICE CHESS CHALLENGER

BRIDGE CHALLENGER



The chess game that talks back!

It thinks... then it speaks! A brain-teaser of a game, the Voice Challenger is awesomely fast and clever. It offers a large repertoire of chess book openings and allows you to select the opening of your choice; can recompute its move to respond at ten different levels of difficulty, from beginner to infinite. Comes in attractive solid hardwood case with deluxe playing surface, raised keyboard, large 1/2" LED display, and Staunton-design magnetized chess pieces. 100% solid state.

#CHCHVCC (9 lbs) \$279.95

The partner you can't kick on the shin

This computer bridge game can play as your partner (one hand), as your opponents (two hands), or all three hands against you. Will replay all four hands, too. Bids all the well-known conventions: Stayman, Blackwood, Gerber, Baron, Texas, Jacoby Transfer, Sputnik and others. Combines conventions and modes of play for American Standard, ACOL and various European bidding systems; uses popular defensive play, finesse and squeeze. Solid hardwood housing, two decks of custom playing cards, deluxe carrying case. #CHBRIDGE (9 lbs) \$289.95; #CHBRCARD 2 Decks of playing cards (1 lb) \$3.95

SEVEN LEVELS— SEVEN OPPONENTS



CHES CHALLENGER "7"

Seven levels of playing difficulty

Test your skills against the computer with Challenger "7"—the economically priced electronic chess game. Good for beginners, too; it plays against you or instructs by playing against itself. Levels of difficulty are interchangeable during game; opening defenses include Sicilian, French, Ruy Lopez, Queen's Gambit Declined, etc. Comes in simulated wood-grain housing with large 1/2" LED display, and Staunton-design chess pieces.

#CHCHE7 (5 lbs) \$89.95

OMAR™—THE BACKGAMMON WIZARD

It's your brain against his!

OMAR is a highly sophisticated computer-based game that uses microprocessor technology. He's a formidable opponent, challenging and entertaining whether you're a novice or a master.

OMAR 2 includes all advanced backgammon strategies at both the modern and classical playing levels. Comes with tournament-sized board (14x8x2"), positional update capability, electronic or manual dice entry, and positional verification. LCD display for easy visibility anywhere.

OMAR 3 is the ultimate in luxury appointments. The slightly larger OMAR III contains the same electronics as OMAR II and comes with an elegant leather playing board (16x12x3", as illustrated).

NEW

OMAR 5 is the handheld electronics unit only—for players who have their own backgammon set.

Each unit requires four AA batteries (not included).

#OMAR2 (6 lbs) \$69.95; #OMARIII (6 lbs) \$84.95;

#OMAR5 (5 lbs) \$57.95;

#ERAA Batteries, 2/pkg (1 lb/pkg) \$1.75/pkg



Call us toll-free (1-800-225-8493/8390) for ordering or additional information



FANON WIRELESS INTERCOM

Small and portable, the two-station Echo system offers the ultimate in convenience and ease of installation—in the office or at home. All you do is plug it into any AC receptacle. Can be moved from one area or room to another as needed. Masters are equipped with lock buttons for continuous monitoring.

#FANWS4 (5 lbs) \$39.95



Also available
in 8-track

STEREO SOUND FOR OFFICE OR HOME

Fill your office with AM/FM or cassette recorded music. IMA-Craig stereo receivers include two individually adjustable sidefiring speakers, front-loading cassette recorder/player, LED clock, auxiliary jacks for phono. Two models: IMA 20 includes wake-to-music alarm, snooze-sleep control; IMA 10 has 8-track and auto eject.

#IMA20 (16 lbs) \$134.95; #IMA10 (16 lbs) \$134.95

A TOUCH OF CLASS IN BRASS

For home or office

This handsome brass and wood banker's desk lamp will complement any office or study. Sturdy steel columns, concealed on/off switch, light-multiplying inner reflector. Comes with two 5000-hour cool white fluorescent tubes. 20" x 5" x 13" high.

#ELT2077B (12 lbs)
\$69.95

NEW

Futuristic fluorescent desk lamp in chrome and lucite.

#ELT2077C (12 lbs)
\$69.95

ELEGANT DESK CLOCK



For your desk

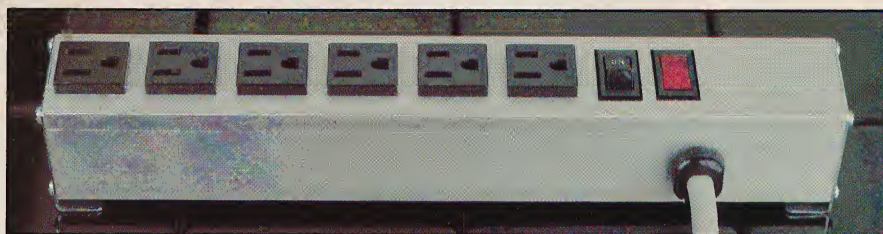
Picco's smart-looking quartz alarm clock with wood-grain case, gold front, champagne dial, black hands. Includes day-date calendar, adjusts to exact second for optimal accuracy. Batteries included. 2 3/4 x 4 1/8 x 2 1/8."

#PIC232B (2 lbs)
\$29.95

POWERMATE **NEW**

Multiple outlet strip—ideal for office, workshop, factory and general home use. With handy Powermate you can safely operate any electrical equipment: power tools, appliances, spotlights, etc. Has six 3-prong outlets. UL approved.

#POWRMATE (3 lbs) \$19.95



Palm-Size Electronic Phone Index

"MINIDEX" ^{NEW}



Electro-matic "Minidex" locates and displays the telephone number or name you need—in seconds—at the touch of a button! Rolls directly to the alphabetical line you're looking for. No more frayed address book pages...

"Minidex" protects your files. It's so small that it slips into purse or briefcase.

Battery-operated.

#INDEX (1 lb) \$9.95;

Uses 2 "AA" batteries **#ERAA 2/pkg**

(1 lb) \$1.75/pkg

Home Electro-Sonic ^{NEW} JEWELRY CLEANER



The new, safe, effective way to remove dirt, body oil, and tarnish from jewelry—through electro-sonic action. Cleans precious diamonds, pearls, gold, silver, platinum, gems and coins—even dentures—at home, in minutes, the way professional jewelers do. Attractive jewelry basket and 4 oz. bottle of special cleaning solution included.

#JEWEL303 (3 lbs) \$24.95;

8 oz. Cleaning Solution Refill

#JEWELSOL (1 lb) \$2.95

NEW

WEAPON ONE™

Kills Annoying Night-Flying Insects—Instantly!

Weapon One™ electronic insect control system works two ways: (1) intense narrow-band ultra-violet lamps attract insects to lamp—away from people; (2) 5,000-volt electronic killer grid instantly "zaps" any insect that touches it. Kills thousands of pesky bugs each night! Weatherproof, extra-strong, heavy-gauge steel construction; heavy-duty 3-wire grounded line cord; ring hanger. 40-watt fluorescent lamp works up to 10,000 square feet.

#GSC50BL (22 lbs) \$79.95



PLACE
STAMP
HERE

MARKLINE

P.O. Box 1750 P
Waltham, MA 02254

FIVE EASY ST
1. TO ORDER BY
our toll free num
residents call 1-61
2. TO ORDER BY
and credit card on
item codes, quanti
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pre-addressed per
3. PRODUCT INF
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Box must be sent
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6. INSURANCE
Orders from \$100
each \$100.00 insu

MARKLIN	
Weight Zone	Up to
3	2.78
6	3.03
9	3.29
12	3.55
15	3.80
18	4.05
21	4.31
24	4.57
27	4.82
30	5.07
33	5.33
36	5.59
39	5.85
42	6.10
45	6.35
48	6.60
50	6.77

Zip UPS & Postal Code	Prefixes Zone	Pt
010-043	2	24
044	3	24
045	2	24
046	3	25
047	4	28
048-049	3	28
050-053	2	28
054	3	28
056-069	2	30
070-089	3	31
100-108	2	31
109	3	32
110-126	2	35
127	3	36
128	2	36
129-139	3	36
140-147	4	36
148-149	3	36
150-168	4	37
169-171	3	38
172-174	4	38
175-176	3	38
177	4	38
178-199	3	38
200-218	4	40
220-241	4	45
242	5	45

FIVE EASY STEPS FOR ORDERING

1. **TO ORDER BY PHONE**—Within the continental U.S.A., call our toll free number 1-800-225-8493 or 1-800-225-8390. Mass. residents call 1-617-891-6495. Please be sure to have your *catalog* and *credit card* on hand.
2. **TO ORDER BY MAIL**—Please complete order form specifying item codes, quantity, price, and phone number. Please be sure to add shipping, handling and insurance rates (see rate chart). Also affix the pre-addressed peel-off label from the back of the catalog to expedite your order.
3. **PRODUCT INFORMATION**—We will be happy to answer any questions on the merchandise in our catalog if you call our toll-free number above.
4. **METHOD OF PAYMENT**—VISA, MASTER CHARGE, or CHECK. SORRY NO C.O.D. ORDERS WILL BE ACCEPTED. All personal checks sent with an order must have your name, address, telephone number and one (1) identification number (license, social security or credit card) written on the back.
5. **METHOD OF SHIPMENT**—Markline normally ships via UPS (see chart to determine shipping charges). If your order must be sent via UPS Blue Label, Parcel Post or Air Parcel Post, please call our toll free number for shipping rates. All orders sent to a P.O. Box must be sent via Parcel Post. All orders sent to Hawaii, Alaska, Puerto Rico or APO/FPO must be shipped via Air Parcel Post. All shipments FOB Waltham, Mass.
6. **INSURANCE**—All UPS shipments are insured up to \$100.00. Orders from \$100.00 to \$200.00 require an additional \$1.00 for insurance. Orders over \$200.00 require an additional 50¢ for each \$100.00 increment.

MARKLINE Surface Shipping & Handling Rates								
Weight Up to	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8	
3	2.78	2.84	2.94	3.05	3.19	3.36	3.54	
6	3.03	3.17	3.36	3.56	3.86	4.19	4.56	
9	3.29	3.49	3.77	4.08	4.54	5.02	5.56	
12	3.55	3.81	4.19	4.60	5.21	5.85	6.58	
15	3.80	4.13	4.60	5.12	5.88	6.68	7.59	
18	4.05	4.45	5.02	5.66	6.55	7.52	8.61	
21	4.31	4.78	5.44	6.16	7.22	8.35	9.63	
24	4.57	5.09	5.85	6.68	7.90	9.18	10.64	
27	4.82	5.45	6.27	7.20	8.57	10.01	11.66	
30	5.07	5.73	6.68	7.72	9.23	10.84	12.66	
33	5.33	6.06	7.10	8.24	9.90	11.68	13.68	
36	5.59	6.38	7.52	8.76	10.57	12.50	14.70	
39	5.85	6.70	7.93	9.28	11.25	13.34	15.71	
42	6.10	7.02	8.35	9.80	11.92	14.16	16.73	
45	6.35	7.34	8.75	10.32	12.59	14.99	17.73	
48	6.60	7.67	9.17	10.84	13.26	15.83	18.75	
50	6.77	7.88	9.45	11.18	13.70	16.38	19.43	

Zip Code Prefixes	UPS & Postal Zone	Zip Code Prefixes	UPS & Postal Zone	Zip Code Prefixes	UPS & Postal Zone	Zip Code Prefixes	UPS & Postal Zone
010-043	2	243-245	4	458-479	5	707-729	6
044	3	246-248	5	480-482	4	730-739	7
045	2	249-254	4	484-499	5	740-745	6
046	3	255-257	5			746-748	7
047	4	258-279	4	500-516	6	750-754	7
048-049	3	280-284	5	520	5	755	6
050-053	2	285	4	521-526	6	756-784	7
054	3	286-299	5	527-539	5	785	8
056-069	2			540	6	786-796	7
070-089	3	300-315	5	541-546	5	797-799	8
		316	6	547-548	6		
100-108	2	317-322	5	549	5	800-810	7
109	3	323-355	6	550-574	6	811	8
110-126	2	356-359	5	575-577	7	812	7
127	3	360-361	6	580-584	6	813-816	8
128	2	362	5	585-588	7	820	7
129-139	3	363-367	6	590-591	8	821	8
140-147	4	368	5	592-593	7	822	7
148-149	3	369	6	594-599	8	823-825	8
150-168	4	370-379	5			826-828	7
169-171	3	380-381	6	600-619	5	829-880	8
172-174	4	382	5	620-623	6	881	7
175-176	3	383	6	624-629	5	882-883	8
177	4	384-385	5	630-675	6	884	7
178-199	3	386-397	6	676-679	7	890-898	8
				680-689	6		
200-218	4	400-436	5	690-693	7	900-961	8
219	3	437-449	4			970-986	8
220-241	4	450-456	5	700-704	6	988-994	8
242	5	457	4	705-706	7		

SPEEDY DELIVERY

To speed handling, list the four-digit number (on the address label) on your order. Orders are usually shipped within one week; orders for any product that is out of stock will be placed on backorder. In the event that we are unable to ship your order within thirty (30) days, notification will be sent.

RETURNS

Should your unit fail under normal operating conditions during the first 30 days (with the exception of Ti and HP models, see guarantee), Markline will replace, repair, or substitute the unit upon receipt. Ship prepaid and insured to: **CUSTOMER SERVICE DIVISION**, Markline Co., Inc., 411 WAVERLY OAKS ROAD, WALTHAM, MA 02154. The packing slip is the only proof of warranty entitlement and it must accompany the unit if it is returned. Also, please enclose a short note stating the problem, the UPS/Post Office tape/sticker from the outside of the package, and a confirmation of your ship-to-address. Merchandise which is returned without these items will be returned to the customer. When returning the unit:

1. Pack the unit and any accessories in the original carton, or in a similar carton..
2. Enclose your note, the packing slip, UPS/Post Office tape/sticker, the packing slip, and confirmation of your ship-to address.
3. Ship prepaid and insured to the above address. Additional information is available upon request.

PRICES IN EFFECT

All prices indicated for merchandise in this catalog are in effect through July 31, 1980, and supersede all prices in past Markline catalogs. All merchandise is subject to price change without notification.

CHANGE IN MERCHANDISE

From time to time, manufacturers will update, improve, or discontinue models/merchandise. When this happens and a replacement model is available, we will substitute with the replacement. In the event that you are not satisfied with the replacement, you have thirty (30) days to return it for a full credit or refund.

CUSTOMER SERVICE CALLS

Call 1-617-891-3930. This is not a toll-free number. Sorry, we do not accept collect calls.

GUARANTEE

Markline's exclusive 30-Day Buyer Protection Plan guarantees all merchandise purchased from Markline for a period of thirty days from the date of shipment to the original purchaser. After this time, the manufacturer's guarantee is in effect.

Additional Guarantee:

ALL TEXAS INSTRUMENTS calculators purchased from Markline are guaranteed for repair, replacement or substitution for ONE YEAR from the original shipment date to the original purchaser. All **HEWLETT-PACKARD** calculators purchased from Markline are guaranteed for 90 DAYS from the shipping date to the original purchaser.

PRICE QUOTATIONS AND BIDS

Markline will quote special prices (12 units or more) for most products listed in our catalog.

MARKLINE OPEN ACCOUNTS

Markline will ship and bill all companies with Dun and Bradstreet ratings of "good" or better. If you are not rated in "D&B", please include a list of credit references with your order. All orders for open account must be submitted in writing on a company purchase order signed by an authorized agent for your company. (Minimum initial order, \$25.00.) No verbal purchase orders will be accepted.

TYPOGRAPHICAL ERRORS

Markline makes every effort to insure that the information presented in our catalog is correct and accurate. However, a typographical error may occasionally occur for which we cannot be responsible.

EXAMPLE (Via UPS)

Amount of order—\$114.95

Total weight—8 lbs

Shipped to Cleveland, OH 44105

Zip prefix 441 determines Zone 4

8-lb rate for Zone 4 —\$3.77

Additional insurance —\$1.00

TOTAL shipping —\$4.77

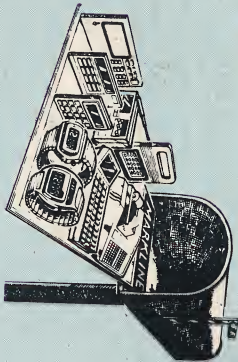
BEFORE SEALING, PLEASE CHECK: HAVE YOU:
☐ 3-Included in correct amount for shipping?
☐ 4-Included money order, check or credit card information?

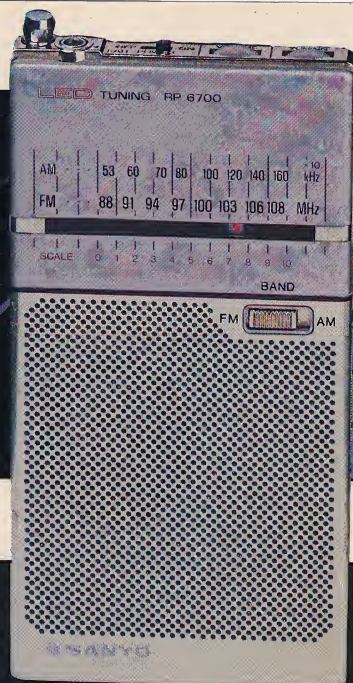
THANK YOU FOR YOUR ORDER!
☐ 1-Printed your name, complete mailing address?
☐ 2-Filled in correct page and item number, quantity, price?

Name _____
Home Address _____
Business Address _____
City _____
State _____ Zip _____

Name _____
Home Address _____
Business Address _____
City _____
State _____ Zip _____

Please add me and/or my friend to your mailing list.

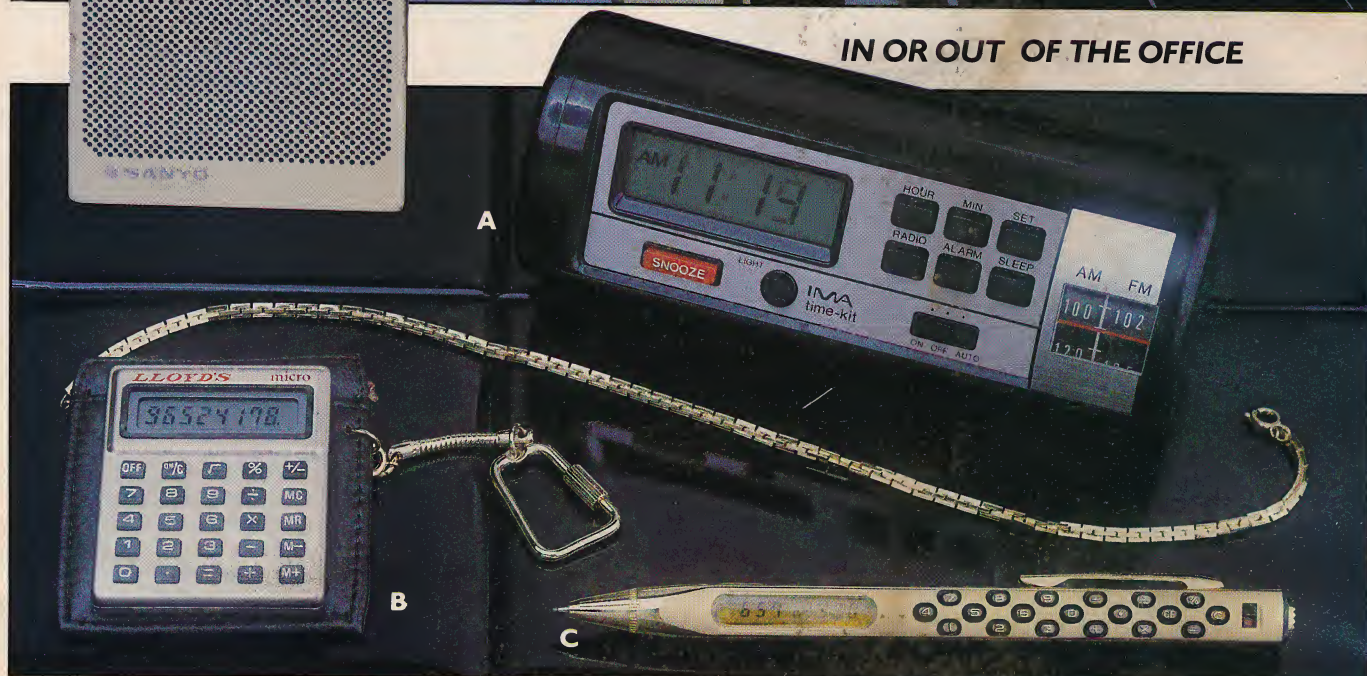




SANYO AM/FM THIN-LINE POCKET RADIO

This contemporary-styled, ultra-slim radio comes with an elegant gold-finished casing. Locating stations is fast and easy with the slide rule tuning scale and LED tuning eye. Sanyo's super-portable fits easily into pocket or purse. Includes telescoping antenna, earphone jack, AM/FM band select switch, carrying case and three "AAA" batteries. $5\frac{1}{2} \times 2\frac{3}{4} \times \frac{1}{2}$ "
#SO6700 (3 lbs) \$59.95

IN OR OUT OF THE OFFICE



TINY CLOCK RADIO

A. From IMA-Craig—the clock radio that tucks into your suitcase. LCD alarm clock, AM/FM radio, wake-to-music or alarm controls, AM/PM indicators, light-up switch. Comes with two silver oxide batteries for clock, 9-volt battery for radio, and carrying case.

#IMA1175 (3 lbs) \$39.95

VEST-POCKET CALCULATOR

B. Slips neatly into your vest pocket, purse or briefcase. Lloyd's ultra-slim Micro LCD includes all the functions needed for quick calculations: decimal, arithmetic, equal, percent, square root, clear entry/clear and change sign keys, 4 memory keys. Comes with gold-tone key and vest pocket chains, leatherette case.

#LLE628 (1 lb) \$17.95

CALCULATOR PEN

C. A miniature calculator built into a ballpoint pen! Calcupen has a bright LCD display and easy-to-use raised keys, four functions and memory. Batteries and ink refill are included. Comes in attractive silver or gold-and-silver finish.

#CALPEN1 silver (2 lbs) \$49.95

#CALPEN2 gold-and-silver (2 lbs)
\$69.95

For Connoisseurs
of the Unusual—

THE SOLAR-POWERED WINDMILL

It's not a toy. Constructed of solid brass and copper, the windmill is a magnificent piece of kinetic art, a limited-edition collector's item which will retain its fascination for years to come. A tiny solar cell in the base converts light—solar or incandescent—into electrical energy, causing the blades to spin. No cord, no batteries to replace, no mainspring to break. Windmill is mounted on a solid walnut base, with its own special edition number and etched copper plate.

#WINDMILL (5 lbs) \$94.95

CONFERENCE CALLER



Handy conference caller... **NEW**

... Lets you include an outside party in your meetings, record conversations, you can receive important calls at home, make long-distance calls from pay phone at direct-dial rates, call out on your company's wats line—from anywhere.

\$129.95 Suggested retail. #VIK550
(6 lbs) Markline Super
Special at \$109.95

**SUPER
SPECIAL**

FOR HOME OR TRAVEL— ELECTRONICS FOR TODAY'S LIFESTYLES



National Semiconductor's
Personal Mini-Accountant—



NITE OWL CLOCK RADIO NEW

It's so small, but the Nite Owl offers the same dependable qualities of much larger models. Includes AM/FM or LW/FM radio with analog clock and precise quartz clock mechanism. Top-mounted alarm switch. Battery operation (4 AA's) permits Nite Owl's use anywhere. Comes with soft pouch-case and earphones. **#NITEOWL** (3 lbs) **\$39.95**
#ERAA Batteries, 2/pkg (1 lb/pkg) **\$1.75/pkg**

THE NS107 NEW

Keep track of charge accounts at Tiffany and Gucci; do a running total of gasoline purchases and mpg; convert Swiss francs to dollars—it's all a snap for the tiny, credit-card-size NS107 from National Semiconductor. Two continuous memories, 8-digit LCD display, 4-function calculator, automatic power-off and loads more. Comes with batteries and deluxe business card-style carrying case. **#NS107** (2 lbs) **\$29.95**

FM/AM Radio/Cassette Recorders



EMERSON 970 NEW

A 4-speaker system stereo cassette recorder/player with FM/AM stereo radio, 3-way power. Full-feature cassette controls, auto shut-off, tape counter, twin built-in condenser mikes, dual function ALC-manual record level switch, tape/radio/sleep control, and much more. 16½ x 9½ x 4¾." **#EMER970** (20 lbs) (Suggested retail \$219.95) **Markline Super Special at \$149.50**

**MARKLINE
SUPER SPECIAL**

WINDSOR 2244 NEW

FM/AM mini cassette recorder: includes 3" speaker, built-in condenser mike, tape counter, recording and battery light, auto stop, sleep control, AC jack, earphones. 9½ x 6½ x 2¾." **#WIN2244** (6 lbs) **\$59.95**

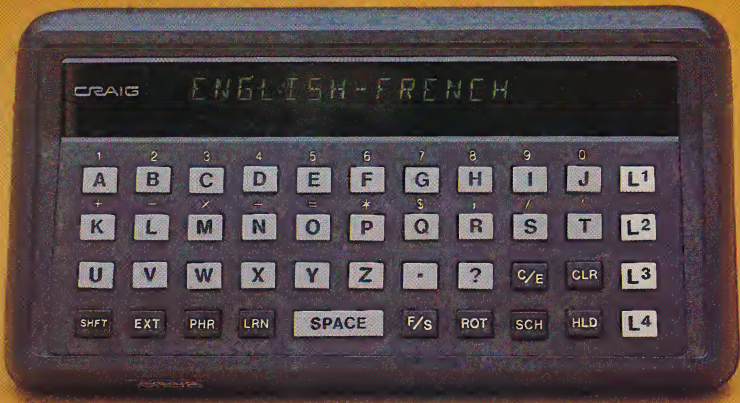
Instant Language
Translator/Information
Center

CRAIG LANGUAGE TRANSLATOR

If you flunked French in school, don't despair. The miraculous Craig M100 translator will travel along with you—interpreting the world's major languages! Stores about 5000 words and phrases. You key in English; the unit displays word or phrase in language you need; reverse procedure for person you're "talking" to. Acts as a calculator and metric converter, too, and as a 3-subject information center in a wide range of fields. Portable unit weighs only 10 oz.; comes with AC adapter.

#CGM100 (5 lbs) **\$169.95**
#ERAA Batteries (4 required) 2/pkg (1 lb/pkg) **\$1.75/pkg**

Craig M100 Memory Capsules
(Must be ordered separately; 1 lb each.)



\$49.95
(Double capacity)
#CGM530 English (64K)
#CGM531 Spanish (64K)
#CGM532 Italian (64K)
#CGM533 French (64K)
#CGM534 German (64K)

\$24.95
#CGM505 Spanish
#CGM510 Italian
#CGM515 French
#CGM520 German
#CGM525 Japanese
#CGM561 Bar/Wine Guide

\$29.95
#CGM540 Norwegian
#CGM541 Dutch
#CGM542 Arabic
#CGM543 Russian
#CGM545 Portuguese
#CGM550 Phonetics
#CGM551 Nutrition

FOR A RICHER LIFE TODAY— WITH TOMORROW'S ELECTRONICS

**MARKLINE
SUPER SPECIAL**

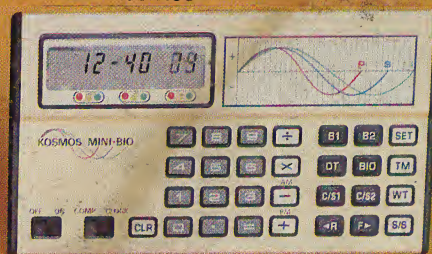


BIO-CLOCK

An amazingly multi-functional machine, handsomely designed for desk or table use. Computes daily biorhythm for up to 6 people, with indicator lights to show "Caution" or "Mini-Caution" days instantly. Compares positions of each cycle with anyone else's; computes average lifetime biorhythmic compatibility between two individuals. World clock displays date and local time at any location on built-in world map; full 4-function arithmetic calculator also included. **#KOS1178** (6 lbs) **Markline Super Special** (was \$149.95) **\$89.95**

NEW

**Biorhythm!
Bio-Clock/Calculators
From Kosmos**



MINI-BIO

It's probably smaller and lighter than your wallet, but look what it does! Computes daily individual biorhythm, with flashing indicators for "Caution" and "Mini-caution" days; compares cycles for two people for daily or lifetime compatibility. It also includes a world clock/calendar, special stopwatch feature, and—a 4-function calculator! **#KOSMINI** (2 lbs) **Markline Super Special** (was \$69.95) **\$44.95**



CRONUS STOPWATCH

This fine "Single-Event" stopwatch times to one hour (automatic roll-over to continue timing). 1/100 second LED display, low-battery indicator, lanyard, replaceable "AA" batteries. **#CRONSE** (3 lbs) **\$31.95**
#CRON3 With split capability (3 lbs) **\$49.95**

Quartz Clocks for the Traveler



WORLD TIMER —a sophisticated clock for home or away. Easily readable 24-hour dial for selected time zones around the world. 2½ x 3½ x 1½", charcoal/black case, black dial, white hands. **#PIC329K** (2 lbs) **\$24.95**



ALARM MATE —a portable 3⅝ x 2⅝ x 1⅝", this alarm clock comes in a wood-grain case with gold front, champagne dial, black hands. **#PIC302G** (2 lbs) **\$24.95**

Sport-Portable 5" TV/Radio



BOHSEI TV—For vans, campers, boats, and all sports events. Bohsei's small (5 x 10⅝ x 11⅞") television set includes acrylic sun-screen, AM/FM radio, battery life indicator, tuning meter, private listening jack, and car cord DC adapter. VHF/UHF telescoping antenna; 100% solid state. **#BOH005** (15 lbs) **\$159.95**
#ERD Battery (7 required) 2/pkg (1 lb/pkg) **\$1.95 pkg**

Hand-Held Light Scope From Panasonic

PANASONIC MICROSCOPE

A compact, handy microscope for science experiments, checking color prints, studying insects—or anything else that takes your fancy. Built-in light clearly illuminates to 30 times magnification. Blue filter included for color compensation. Comes with leatherette carrying case. **#PAN393** (2 lbs) **\$21.95**; **#ERAA** Battery 2/pkg (1 lb/pkg) **\$1.75 pkg**



Order form and ordering information in the center of this catalog

THE WORLD OF ELECTRONICS FOR THE HOME



ELECTRONIC CLOCK RADIOS— FROM YORX

Fall asleep or wake up to glorious stereo sound—tape or radio—with these two handsome models. (Shown on left and right.) Automatic shut-off after 1 to 59 minutes. Front-loading stereo cassette plays with automatic and manual stop, and loads of other great features.

#YK5280 With Sleep-to-Tape/Wake-to-Buzzer Feature (5 lbs) **\$89.95**; **#YK5263** With Stereo 8-Track Player (5 lbs) **\$89.95**

TAKE YOUR UMBRELLA— IT'S RAINING

This helpful digital clock radio will keep you up-to-the-minute on weather and news. The Weather Band (shown in center) receives AM, FM, TV I and TV2 sound, and National Weather Service broadcasts. In addition, it has all the fine features included in Yorx's tape player models, including exclusive sleep switch. (4 x 12½ x 7")

#YK5141 (5 lbs) **\$49.95**



RELAX... YOUR BABY IS SAFE

**MARKLINE
SUPER SPECIAL**

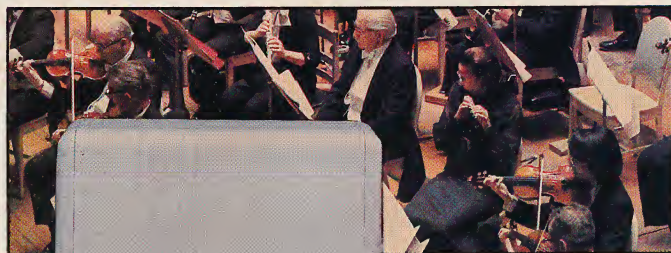
With Baby-Com you can hear your child all through the house or even out in the yard—up to 300 feet—through any AM radio. Transmits through table or console, portable or car radio; no wiring or installation. Just plug in the attractive, compact unit. Baby-Com may also be used for a sickroom, or for extra security in an office.

#FANBCI (4 lbs) Regularly **\$21.95**, **Markline Super Special at \$19.95**

Welcome Your Guests with Music:

ELECTRONIC DOOR CHIMES PLAY 24 TUNES

Just dial your favorite melody: Greensleeves, God Save the Queen, Rule Britannia, Land of Hope and Glory, Oh Come All Ye Faithful, Oranges and Lemons, Westminster Chimes, Sailor's Hornpipe, Cook House Door, Stars & Stripes, Beethoven's Ode to Joy (9th), William Tell Overture, Soldiers' Chorus (Faust), Twinkle Twinkle Little Star, Great Gate of Kiev, Red Flag/Maryland/Tannenbaum, Beethoven's "Fate Knocking," The Marseillaise, Deutschland Uber Alles, Toccata in D Minor (Bach), Mozart, Colonel Bogie, Mendelssohn's Wedding March, and the Lorelei.



Door chimes are easy to install: just connect to existing wiring. Also works separately on batteries (not included.) Fits both front and back doors. Volume, tempo and time are all adjustable. It's a nice way to say "hello!"

#TIMCHIME

(4 lbs) **\$44.95**

#TIMSPEAK

External Speaker
(4 lbs) **\$21.95**

VIGILITE—

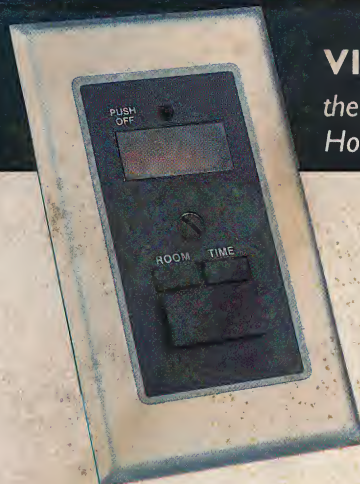
the Electronic
Home-Security Timer

Discourage burglars with this "real-life" home security system that automatically controls lights while you're away... in independent patterns, inside and outside the house. Fits into wall socket replacing standard light switch.

#VIGILITE (2 lbs)

\$33.95 **#VIGIL3**

Where 2 switches
control one light
(2 lbs) **\$44.95**



Call toll-free, 1-800-225-8493 or 1-800-225-8390

MEMORIE—THE COMPUTER BATH SCALE THAT ADDS AND SUBTRACTS



No, it doesn't lie. If you're a tad overweight Memorie won't subtract a pound or two to make you feel better! It will, however, show you your exact weight in either lbs. or kilos. Then pick up an object—a child, dog, package or suitcase. Memorie subtracts your weight from the total and gives an accurate read-out of the weight of the object you're holding! Brilliant lighted dial; handsome contemporary styling fits any decor.



Activated by a convenient toe-touch button, Memorie finds "zero" by itself with no adjusting, then locks in your true weight and holds it—even if you move. Shuts off automatically when you step off scale.

#MEMORIE (12 lbs) **\$54.95**

#ERC Battery
(4 required) 2/pkg
(1 lb/pkg) **\$1.95/pkg**

CHILDPROOF DIGITAL THERMOMETER

Records body temperature in only 45 seconds. Bright digital display in both Fahrenheit and Celsius, to 1/10 degree precision. Cover and batteries included.

#PORTHERM (2 lbs) **\$29.95**



COSMOS WALL LIGHT

Attaches easily to a wall or slips over backboard of bed. Attractive and practical, the light is extendable—adjusts to all your reading needs.

#COS4003 (3 lbs) **\$9.95**



THE ZAPPER—

no more stumbling around in the dark

**MARKLINE
SUPER SPECIAL**

Turns lamps, TV, stereo or other electrical appliances on or off by audiosonic remote control at the squeeze of a button. Direct range approximately 50 feet. No cords or batteries; Zapper activates receiver plugged into standard wall socket.

#ZAPPER (3 lbs) was \$24.95, **Markline Super Special** at **\$21.95**



COSMOS CLOCK LAMP



Use the light to read by, the clock to tell the time. High-intensity desk lamp has hi-low dimmer, PM and alarm markings, drowse alarm and fast/slow controls. Top folds down into an attractive unit with clock still showing.

#COS5500 (5 lbs) **\$34.95**

HIS & HERS ALARM

NEW

End early morning hassles with Cosmo's handsome two-alarm-system clock. Drowse bar lets you sleep an extra 9 to 60 minutes; also displays month/date. 24-hour memory alarm with automatic shut-off and recall the next morning.

#COS905 (3 lbs) **\$29.95**



CUT YOUR HOME ENERGY COSTS UP TO 15%— SUMMER AND WINTER



TEXAS INSTRUMENTS' ELECTRONIC DIGITAL THERMOSTAT

Don't just complain about rising energy costs: do something about them! This easy-to-install thermostat will adjust your air conditioning or heat for maximum economy—automatically—up to four times a day. Even includes special weekend settings, or reverts to standard constant setting instantly with a flip of the switch. No more wasted energy when it's not needed. (Note: for use with central heat and air conditioning systems; not for use with heat pump.)

Check these handy features:

- Simple to operate; set time and temperature with the touch of a button.
- Takes minutes to install: just connect five color-coded wires.
- Pays for itself in savings in only a few months.
- Save on income tax: subtract 15% of purchase price from tax owed.
- Accurate digital time and temperature read-outs.

- Remembers your settings, even when power fails.
- Decorative door protects touch controls.

#TITHERM (6 lbs) \$114.95

#ER9VOLT Battery (1 lb) \$1.75 (one required)

MARKLINE
SUPER VALUE

AUTOPACE 7 THERMOSTAT CONTROL

Simple to install and use, the Autopace 7 maintains a precise temperature comfort zone with digital accuracy—for greater energy savings. It's programmable for a full seven days, with up to four settings per day. Multiple cycle override puts system on hold until you release it; single cycle override allows temporary temperature changes. Battery back-up remembers your program even if power fails. The silent, tamper-proof Autopace is approved for 15% Federal tax credit. (Note: for use on all systems except heat pump and electric—multiple units necessary.)

#AUTO7 4 wire system for heat and air conditioning

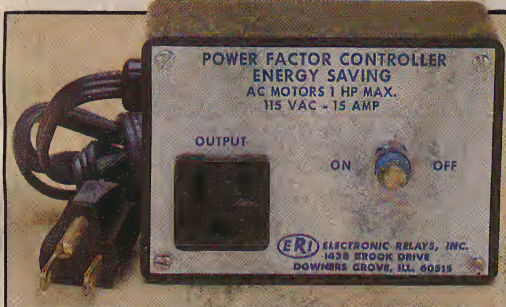
(4 lbs) \$199.95

#AUTO7A 2 wire system for heat only or air conditioning only (4 lbs) \$199.95

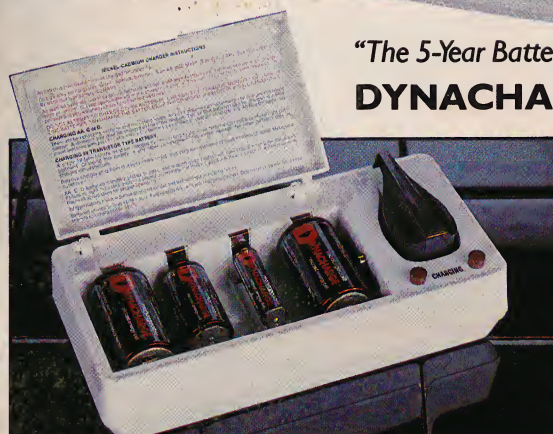


POWER FACTOR CONTROLLER

NEW



Save up to 70% electricity use by reducing the voltage on any AC induction motor—and at the same time improve the power factor. Added benefits (in some applications): cooler operating temperatures and reduced vibration. Use Power Factor Controller with electric freezer, refrigerator, washing machine, compacter, disposal, furnace fan, recirculating pump, sump pump, and power tools: drills, lathes, saws, grinders, etc. #ERIPower (3 lbs) \$29.95



"The 5-Year Battery" with
DYNACHARGER™

Stop
throwing away
batteries
after only
one use!

Economical Dynacharger recharges batteries—1000 times or more. One Dynacharge® C-size cell will outlive up to 986 ordinary batteries costing over \$300. To put it another way, a Dynacharge battery costs only 1 1/2% as much as a "throwaway" battery on a cost-per-hour basis! Nickel-cadmium batteries (9-volt, AA, C, D) can be recharged in Dynacharger. #DSNC240 Dynacharger (2 lbs) \$15.95

Dynacharge® batteries carry a 5-year or 1000-charge warranty.

Dynacharge batteries (1 lb/card):

#DS9V 9-volt, 1/card \$9.95

#DSAA "AA" size, 2/card \$5.95

#DSC "C" size, 2/card \$7.95

#DSD "D" size, 2/card \$7.95

HIGHWAY SECURITY IS YOURS!



THE HAWK EYE MULTI-BAND RADAR DETECTOR

Brinkmann's super Hawk Eye is the best there is! Note its unique features: audio and visual warning system (sound and light) for day or night driving; covers all types of police radar including X and K bands; plugs into cigarette lighter; low profile, compact size won't interfere with driver's vision; exclusive "quick-release" mounting bracket with Velcro™ pad for easy installation and moveability; superior design and 100% solid state circuitry eliminates undesired signals; won't interfere with radio or CB operation. Good-looking stainless steel front panel and textured black case. Thoroughly tested for top performance and reliability. **#HAWKEYE (4 lbs) \$84.95**

SUPER-POWER AUTO VAC

Keep your car's interior spotless with Sanyo's high-powered Auto Vac. Its strong motor provides extra suction power for quick, easy vacuuming. Extra-long cord plugs into dashboard cigarette lighter. Comes complete with floor brush and flexible hose for thorough cleaning of all areas. Plus: special inflator attachment hooks up to exhaust port of vacuum cleaner for inflating rubber rafts, etc. Compact dimensions and lightweight construction for easy use and storage. **#SOAUTOV (6 lbs) \$29.95**



5-IN-1 TROUBLE SHOOTER



The lightweight, compact, all-purpose light for every need: (1) spotlight/search-light, (2) fluorescent lantern, (3) amber/red warning flasher, (4) red emergency light, (5) simultaneous warning flasher and fluorescent light.

#BRI525 (3 lbs) \$29.95;

PORTABLE TIRE INFLATOR

Lightweight Interflator comes with built-in 160 psi pressure gauge, extra-heavy-duty motor, 15' power cord, 3' air hose, 12-volt lighter plug, air chuck, inflator nozzle and sports needle.

#INT18 (8 lbs) \$39.95



ELECTRONIC RULER/CALCULATOR

Panasonic's handy ruler/calculator combination measures length of straight or curved lines, permits direct use of the measured result into calculations. Use for measuring on road maps, blueprints, nautical and aviation charts, floor plans, apparel, warehousing, shipping, carpentry and other engineering/professional needs. Automatically calculates volumes; includes mm-cm-m/inch-feet conversion key, 8-digit capacity, addressable memory, percent/add-on/discount, automatic square root, constant/repeat, chain/mixed, pi, floating decimal. Comes with batteries, soft case and belt/wrist loop.

#PAN8210U (2 lbs) \$79.95

ELECTRONIC LEARNING AIDS FOR CHILDREN—EDUCATIONAL AND FUN



SPEAK & SPELL™: THE LEARNING AID THAT TALKS

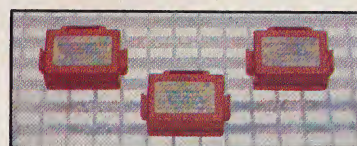
Linda Abramson, teacher at the Bowman School, Lexington, Mass., says:

"Speak & Spell...incorporates the three modes of learning (visual, auditory and tactile) which children need to increase spelling proficiency."

Teaches more than 200 most-often misspelled words by pronouncing the word; child keys-in the spelling and receives praise for right answers, encouragement to try again for wrong answers. For beginning spellers on up. Includes 3 games: Mystery Word, Secret Code and Letter plus 23-page, illustrated book.

#TiSPSP (3 lbs) \$67.95

Uses 4 "C" batteries #ERC
2/pkg (1 lb/pkg) \$1.95 pkg



Plug-In Modules For Speak & Spell

Additional words and more advanced spelling concepts.

SUPER STUMPERS:

Words commonly used, yet often misspelled. Grades 4 to 6:

#TiSUPST4 (3 lbs) \$17.95;

Grades 7 and 8:

#TiSUPST7 (3 lbs) \$17.95

VOWEL POWER™:

Ages 7 and up. Contains 140 words covering the range of vowel patterns.

#TiVOWEL (3 lbs) \$17.95

MEET MR. CHALLENGER™

He's a tricky computer programmed to confound you with Mystery Word, Word Challenge, Crazy Letters and Letter Guesser games. Great for age 8 and up—including adults. Play against Mr. Challenger or against a friend; he keeps score, times your performance and sets up the plan—all with razzle-dazzle sound effects, lighted scoreboard and hurry-up timer. #TiMRCHAL (3 lbs) \$34.95

Other Texas Instruments games still available:

LITTLE PROFESSOR™: #TiLILPRO (2 lbs) \$13.95

SPELLING B™: #TiSPB (2 lbs) \$34.95

DATAMAN™: #TiDATAMN (2 lbs) \$22.95

Each unit above uses 9-volt battery: #ER9VOLT (1 lb) \$1.75
or #DS6908 9-volt adapter (2 lbs) \$6.95



FOR YOUNG ATHLETES

Texas Instruments' economically-priced jogger's watch displays hour, minute, second, month and date. Great for all sports—running, biking, playing ball, etc. It has a 15-minute stopwatch. Black plastic case and vinyl strap. Ti56210 (2 lbs) \$16.95

**SUPER
VALUE**

TEXAS
INSTRUMENTS



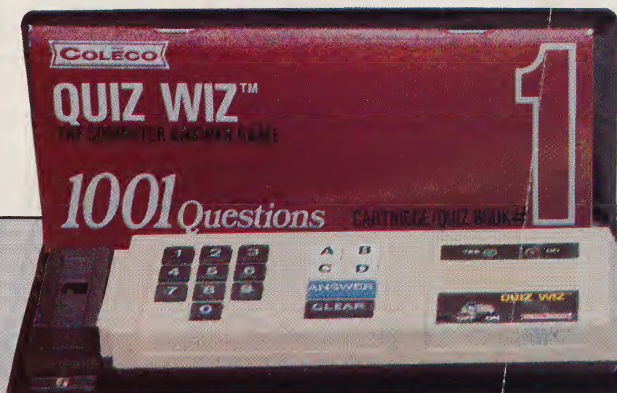
QUIZ WIZ™ — 1001 QUESTIONS

The computer answer game that challenges you with questions on movies, TV, sports, trivia, travel and lots more. Snap the QUIZ WIZ computer and game cartridge together and go! Choose a question from the book, then pick an answer from choices provided. Enter question/answer in computer

—if you're right you get a green light and a beep. If wrong, you get a red light and a "razzberry!" Comes in attractive vinyl case with programmed Game Cartridge and Quiz Book #1.

#QUIZWIZ (4 lbs) \$29.95.

Uses 1 9-volt battery #ER9VOLT (1 lb) \$1.75,
or #DS6908 9-volt adapter (2 lbs) \$6.95.



QUIZ WIZ CARTRIDGE BOOKS

(1 lb) \$6.25 each.

- #QUIZ 2 The World of Sports
- #QUIZ 3 Movies and TV
- #QUIZ 4 People and Places
- #QUIZ 5 Trivia
- #QUIZ 6 Music and Books
- #QUIZ 7 Math Mania
- #QUIZ 8 The Book of Lists

#QUIZ 9 Greatest Sports Legends

#QUIZ 10 Super Heroes

#QUIZ 11 Disaster!

#QUIZ 12 The Ocean—

Mankind's Last Frontier

#QUIZ 13 Energy—The

Fuel of Life

#QUIZ 14 How Things

Work—Aerosols to Zippers

#QUIZ 15 Nat'l Basketball

Assn.

#QUIZ 16 Nat'l Football

League Players Assn.

#QUIZ 17 Major League

Baseball

#QUIZ 18 Guinness Book

of World Records

#QUIZ 19 The People's

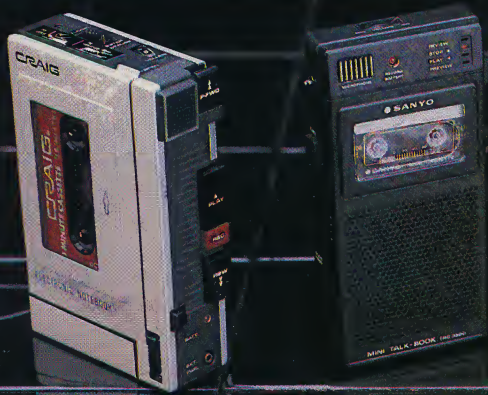
Almanac #1 & #2

#QUIZ 20 Sherlock

Holmes & other Famous

Mysteries

Call toll-free, 1-800-225-8493 or 1-800-225-8390



ELECTRONIC NOTEBOOK

Craig's self-contained cassette recorder is small enough for one-hand operation. Includes built-in condenser mike, pause control, rewind-review and eject buttons, battery checklight. Comes with case, strap, rechargeable battery pack, AC adapter/charger. Uses standard cassettes.

#CG2625 (3 lbs) \$159.95

MINI CASSETTE RECORDER

Sanyo's tiny, compact recorder is ideal for walk-around dictation. Includes separate record switch for quick recording and pause function, recording indicator, built-in condenser mike. Comes with case, strap, mini cassette tape. #SO3500 (2 lbs) \$89.95; Uses 1 9-volt battery: #ER9VOLT (1 lb) \$1.75



MINICAPS

MINICAPS Cassettes for SO3500, SO7000/7010

#MINICAPS (1 lb) \$2.25 each; CASSETTES for CG2625/2706A, SO8000/8010/9903/9904/9918; #60MINCAS 60 minutes (1 lb) \$2.45; #90MINCAS 90 minutes (1 lb) \$2.95



CRAIG 2706A

Use with Electronic Notebook or as self-contained unit. This ruggedly reliable dictator/transcriber uses standard cassettes, has full-control mike (review, dictate, start-stop), private listening from speaker, dual sensitivity for conference recording, variable speed playback, automatic level control, quick erase, single-button telephone recording. Stenographic headset-footswitch included. #CG2706A (10 lbs) \$229.95

SANYO 8000 DICTATION TRANSCRIBER: Economically priced, uses standard cassettes; quick erase, telephone record, index counter, mike, foot pedal, headset. #SO8000 (10 lbs) \$259.95

SANYO 8010 TRANSCRIBING MACHINE: Pushbutton controls, 3-digit tape counter, quick erase button, speed control, earphones, foot switch, #SO8010 (10 lbs) \$199.95



SANYO 7000

A versatile, efficient dictator/transcriber, the 7000 features smooth, noise-free Solenoid operation, with foot control for extra convenience. Includes sensitivity control for conference pickup or private listening, quick erasing, tone adjustment and a warning tone for maximum directability. Uses mini cassettes. Comes with AC adapter, hand and foot controls, headset and MC-40 tape.

#SO7000 (10 lbs) \$275.00

MODEL 7070 TRANSCRIBING MACHINE: Solenoid operation, foot control, power lamp, tape counter, volume/tone controls, warning tone. #SO7070 (10 lbs) \$209.95

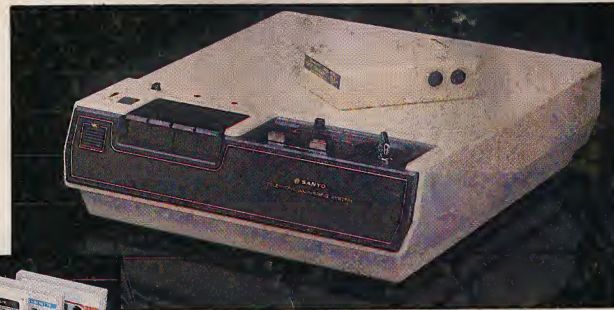
SANYO TELEPHONE ANSWERING SYSTEMS



MODEL 9903

Sanyo's simplest telephone answering device will handle all your calls while you're away. Includes cassette tape plus new dual message tape for two different outgoing messages. Monitor control lets you hear incoming messages: answer yourself or let the machine record caller's message; "Answer Only" allows outgoing messages without recording incoming calls.

#SO9903 (8 lbs) \$159.95



MODEL 9918

This super-efficient model includes a pocket-size remote control unit: call in and hear all messages, then erase or let messages stand. Beeps indicate number of messages recorded as you wind back; loud beep when tape is fully rewound. Other fine features: ring delay for 1st, 3rd and 5th ring; volume control, on/off switch plays only "new messages" after 3rd message; "Answer Only" position.

#SO9918 (11 lbs) \$324.95; #SO9904 without remote feature (11 lbs) \$209.95



ENDLESS LOOP CASSETTES

for SO9903/9904/9918

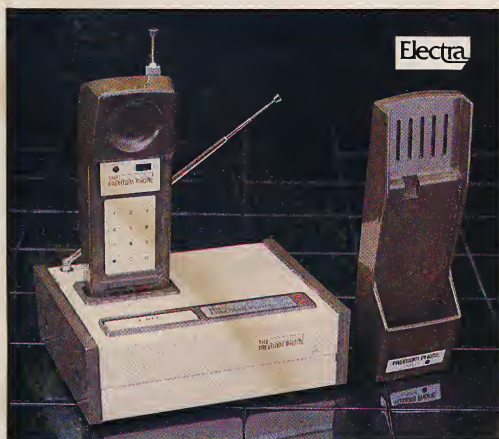
(1 lb) \$8.95 each

#30SECCAS 30 seconds

#60SECCAS 60 seconds

#90SECCAS 90 seconds

REMOTE TELEPHONES—PORTABLE, CONVENIENT,



EASY TO USE

You'll never need to make a frantic dash to answer a phone again. These hand-held, portable, rechargeable telephones can be used anywhere inside or outside your home—in the den, in the yard, by the pool, in the garage or workshop! Use them to take calls or to call out, in complete privacy. They're the perfect pushbutton extension phones for the entire family.

NEW



CORDLESS PLUS FREEDOM PHONE®

Has a range of about 300 feet. Base station plugs into phone jack or AC outlet. To operate, simply raise antenna, flip the talk switch, and dial out or answer. Includes handsome, portable charger/cradle and rechargeable nicad batteries. **#ELEC1500 (9 lbs) \$299.95**

MURA CORDLESS TELEPHONE

Attractive Muraphone™ has a range of about 400 feet. Remote unit clips on belt or slips into your pocket—even works in the tub! For incoming calls only. Operates 12 to 15 hours on rechargeable nicad batteries (included). Also includes base unit with inter-com feature and battery recharging case. **#MURAP100 (7 lbs) \$89.95**

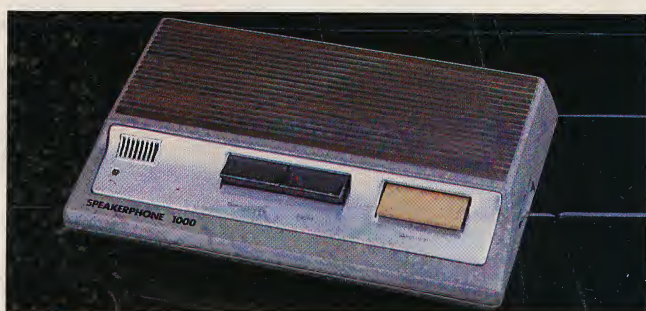


AUTOTOUCH 60

Hi-Tek's automatic telephone dialer dials 60 frequently-called, important or emergency numbers at the touch of a button. The special "recall" button re-dials the last number called even if it's not stored in dialer's memory. Two-speed dialing feature with "pause" permits use with office "dial-out" systems; converts rotary dial phone to fast touch-dial system. Handsome wood-grain finish and smart styling complement office or home decor; connects easily to any telephone. Comes with keyboard dust cover. **#HITEK60 (6 lbs) \$219.95;**

#HITEK20 with 20-number memory (6 lbs) \$149.95;

#HITEK40 with 40-number memory (6 lbs) \$179.95



HANDS-FREE PHONE CONVERSATIONS

With the useful Speakerphone 1000 you can carry on with whatever you're doing and talk at the same time. The built-in electronic ringer allows you to use the unit even without a phone—just plug it into any existing phone jack. Includes answer, hold, sensitivity and voice controls; built-in condenser mike, transmitting LED indicator and 2-way recording jack. Light (2 lbs), trim (5 x 7 x 2") Speakerphone comes in elegant simulated wood-grain finish.

#TT1000 (4 lbs) \$59.95

Requires double modular adapter **#TT267 (1 lb) \$6.95**

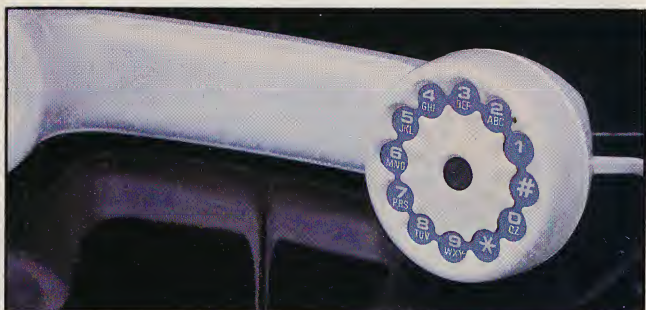


ROTATING TELEPHONE INDEX

Compact Teldex holds up to 260 names and numbers. All you have to do is touch the appropriate alphabetical button, and Teldex automatically rotates the correct panel into view. No more searching for names and numbers—and no more frayed address book pages. All your numbers and names are safely protected, yet easily accessible for changes. Teldex operates on two "C" batteries (not included).

#TELDEX (5 lbs) \$19.95;

#ERC Batteries, 2/pkg (1 lb) \$1.95/pkg



PUSHBUTTON PHONING

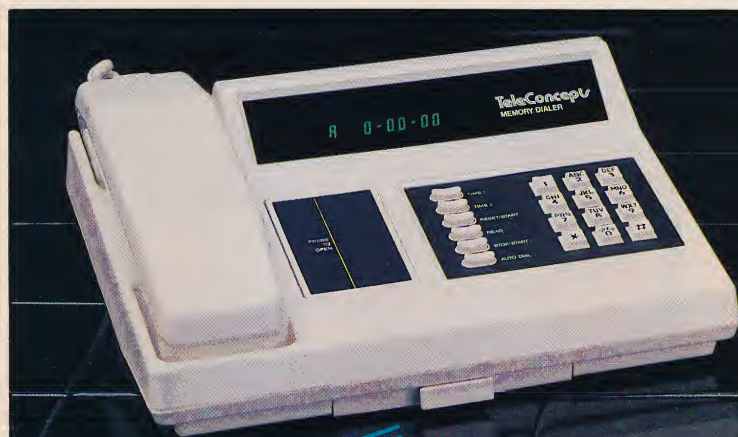
Modernize your conventional dial telephone with the Soft-Touch® tone dial—the fast, easy way to make a call. So sensitive you don't have to speak directly into it. Dial is a thin .05"; works at the slightest touch. Simple installation: unscrew phone mouthpiece, remove disk mike inside, screw on Soft-Touch. (Check with your phone company first to make sure your system can handle pushbutton dialing. Works only on Bell Telephones.) 5 colors (2 lbs), were \$29.95 each;

Markline Super Special at \$27.95 each:

#EL2001W White, #EL2001BL Black, #EL2001B Beige, #EL2001Y Yellow, #EL2001G Green.

**MARKLINE
SUPER SPECIAL**

TELECONCEPT MEMORY DIALER *Remembers Up To 100 Phone Numbers*



Memory Dialer

NEW

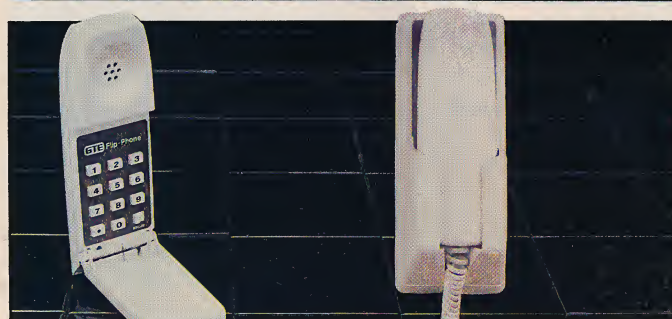
A solid state, computer-controlled, multi-function telephone system, the easy-to-use Memory Dialer is guaranteed to make your life simpler. Features include: automatic pushbutton dialing of numbers contained in its memory, plus manual dialing; instant redial; three time-zone clocks, all programmable—may be pre-set to either 12-



Close-up of Control Panel

or 24-hour time display; accumulative stopwatch. All phone numbers, time and user in-put are displayed on a pleasant green fluorescent read-out. Rechargeable battery back-up in case of power failure.

#TELEMEM (8 lbs) \$199.95



FLIP PHONE™

Your personal electronic telephone, the unique GTE Flip Phone is truly the phone of the future. This compact (2x2x6") telephone brings you pushbutton operation with regular rotary dial service. One-piece folding design reflects your voice into a hidden microphone; you control the electronic ringer with the on/off switch. No special installation needed, either. You simply plug Flip Phone in!

#GTE86417 Soft yellow; #GTE86419 Arctic white; #GTE86421 Almond; #GTE86422 Espresso brown; (3 lbs) \$49.95 each

A perfect companion for your Flip Phone—the matching wall holster.

#GTE87H17 Soft yellow; #GTE87H19 Arctic white; #GTE87H21 Almond; #GTE87H22 Espresso brown; (3 lbs) \$5.95 each

NEW

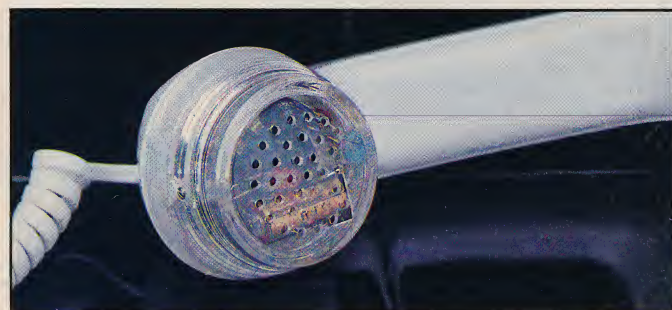


QUASI-PHONE™

You probably have no need to make outgoing phone calls from your basement—but if you're there when the phone rings, Quasi-Phone will let you answer. It's the ideal extension telephone for your children's room, too, or for the bathroom or garage. Low-priced Quasi-Phone is a single-piece telephone receiver—not a dialer—with line cord and on/off switch. It plugs into any phone jack. FCC approved.

#QUASIWH White; #QUASIBE Beige; (3 lbs) \$19.95 each

NEW



PHONE-GUARD

Insure complete privacy with the ingenious Phone-Guard attachment. You'll know instantly if there's a listener on your line—or if the phone is tapped. Phone-Guard shows a red warning light when someone tries to listen in to your conversation. Device is easily installed in seconds; it screws right onto your telephone mouthpiece.

#PHONEGRD (2 lbs) \$39.95



THE HAPPY TALKER

A remarkable telephone mouthpiece transmitter that lets your voice be heard loud and clear—but screens out unwanted background sounds. You needn't shut off the stereo, turn down the TV or yell at the kids any more! Great for crowded offices, noisy garages, and workshops, too. Happy Talker is installed in seconds—it simply replaces your telephone mouthpiece.

#TALKERBE Beige, #TALKERBL Black, #TALKERWH White, (2 lbs) \$14.95 each

TEXAS INSTRUMENTS WATCHES FOR PRECISION, SLEEK STYLING, AND CONVENIENCE

24-HOUR ALARM CHRONOGRAPH

A convenient blending of form and function, this great-looking watch offers all the timekeeping capability of far more expensive timepieces. Acts as a reminder for important appointments, and as a timer—of meetings, presentations, phone calls, sporting events, and much more. Precision chronograph measures lap and elapsed time up to 24 hours, in tenths or hundredths of seconds. Continuous liquid crystal display: month, date, and day of week. Pleasant-sounding alarm can be set to any time—day or night. Other fine features include: constant Tritium backlight; month/date reversal; military time (24-hour display) option; adjustable bracelet. (2 lbs ea.)

#Ti8011 Silver tone \$59.95; #Ti8012 Gold tone \$64.95

ALARM CHRONO

Pleasant-sounding alarm alerts you to remember important appointments. Set alarm for any time, day or night. Dual time zone capability, 12-hour chronograph, incandescent backlight. LCD display for month, date, day of week. Adjustable bracelet. (2 lbs each)

#Ti80631 (white metal) \$39.95;
#Ti80641 (gold tone) \$44.95



WORLD TIME ZONE WATCH

Watch displays time in 24 time zones, including U.S. Solar-powered; count-up/count-down chronograph; constant Tritium backlight for day or night visibility; 24-hour alarm and timer. (2 lbs each)

#Ti8071 (silver tone) \$89.95; #Ti8072 (gold tone) \$99.95



CHRONOGRAPH

Quartz chronograph watch—handsome and precise. Features: 2-hour chronograph with 1/100 second resolution; lap, clear, set, start/stop, advance. Standard time functions plus month, date, day of week. Incandescent backlight. (2 lbs each)

#Ti80311 (silver tone) \$29.95;
#Ti80321 (gold tone) \$34.95



MEN'S QUARTZ ALARM

Handsome, easy-to-set alarm watch features eight functions (hours, minutes, seconds, month, date, day, year, gentle-sounding alarm). Incandescent backlight; adjustable bracelet. (2 lbs each)

#Ti3633 (white metal) \$29.95;
#Ti3634 (gold tone) \$34.95

LIGHT ERA WATCH

A comfortably light watch with scratch-and corrosion-resistant case. Dress watch styling and sports watch durability... at a comfortably "light" price, too. Displays hours, minutes, seconds, month, date. (2 lbs each)

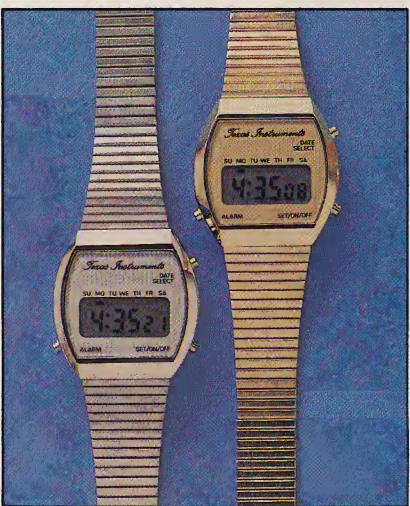
#Ti55831 (white metal) \$14.95;
#Ti55841 (gold tone) \$19.95



WOMEN'S QUARTZ ALARM

A quality watch with handsome styling. Pleasant-sounding alarm—no harsh buzz—can be set to any time of day. Eight functions (hours, minutes, seconds, month, date, day, year, alarm). Adjustable bracelet. (2 lbs each)

#Ti26331 (white metal) \$39.95;
#Ti26341 (gold tone) \$49.95



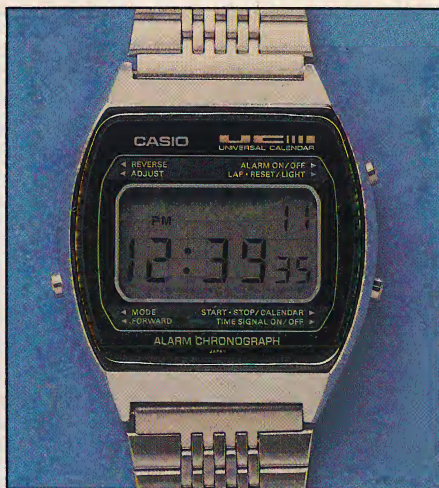
CASIO—QUALITY WATCHES AT BUDGET PRICES

NEW

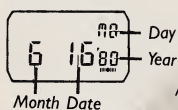
ALARM-CHRONOGRAPH CALENDAR WATCH

Features continuous read-out in hour, minute, second, AM/PM and date; pushbutton calendar display in year, month, date and day; monthly calendar display from year 1901 to 2099. Professional 1/10th of a second stopwatch (times up to 11 hours 59 minutes 59.9 seconds); measures normal, net, lap, 1st-2nd place times; separate daily alarm; time signal (chimes every hour on the hour one second); tone control (10 different tone pitches). Super-accuracy; water-resistant. Micro-light for night viewing; stainless steel bracelet.

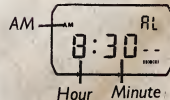
#C79QS39B (2 lbs) \$49.95



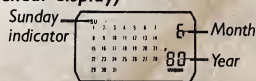
(Calendar display)



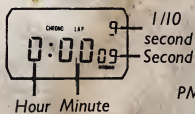
(Alarm time display)



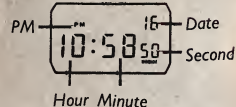
(Monthly Calendar display)



(Stopwatch display)



(Time display)



MEN'S JOGGING WATCHES



CASIO LITHIUM WATCH

Displays hour, minute, second, AM/PM, date and day. Auto-calendar set at 28 days for February. Accuracy per month ± 20 seconds. 3-year lithium battery life.

#CF7C (2 lbs) \$19.95



ALARM CHRONO

Displays time and date, time and day-date. Stopwatch/separate alarm functions; time signal. Accuracy ± 15 seconds per month; micro-light; water-resistant; 3-yr. battery life.

#CF80C (2 lbs) \$29.95



CHRONOGRAPH

Displays time (hour, minute, second, AM/PM). Pushbutton calendar; month, date, day; auto-calendar set at 28 days for Feb.; stopwatch; 15-second accuracy per month; 1-yr. battery life.

#CF200C (2 lbs) \$29.95

WOMEN'S WATCHES—ELEGANT STYLING, PRECISION ACCURACY

NEW

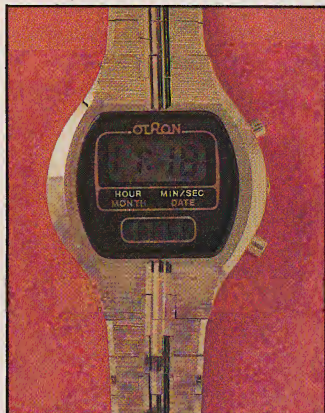


708BS MINI-LADY

NEW

A small, elegant solar-powered watch. Displays hour/minute, second, month/date. Backlight for nighttime display, 12-hour system, auto-calendar set at 28 days for Feb. Rechargeable 14-month battery.

#OT708BS (2 lbs) \$49.95



848BG MINI-LADY

NEW

An even slimmer model. Solar power. Displays hour/minute, second, month/date. Backlight for nighttime viewing; 12-hour system; auto-calendar set at 28 days for Feb.; rechargeable 14-month battery.

#OT848BG (2 lbs) \$59.95



CASIO GL-20

This smartly-styled watch displays hour, minute, 10-second symbol, second by flash, AM/PM. Pushbutton calendar; auto-calendar set at 28 days for Feb. Stopwatch, dual-time functions.

#CGL20 (2 lbs.) \$44.95

NEW



MELODY ALARM CHRONO

A slender beauty from Sanyo—this quartz watch displays month, date, day of week, hour, minute and second. Includes melody alarm and stopwatch functions; backlight; bright LCD display.

#SO502103 (2 lbs) \$49.95

(Available May 15, 1980)

EXCITING ELECTRONIC GAMES



ELECTRONIC 2-MAN SKEET™

Raise the electronic shotgun to your shoulder; take aim at the moving beam of light on the wall. Shoot—you hear a shotgun blast. Hit the target—skeet bursts before your eyes! Seven hits—you're the winner! For one or two players, this indoor skeet-shooting game from Ideal is completely safe. Twelve challenging variations.

#IDSKEET (12 lbs) \$99.95



CHARLIE

Makes Learning Fun

Charlie reinforces every correct answer with flashing lights and space age sounds in self-paced, self-correcting drills. The child places a question card on the grid plate and uses the safety probe to choose an answer. Sequenced tests and reviews take the child through logical development of subject areas. The programs (available separately) have been developed by educators to supplement and enhance basic curriculum concepts.

#CHARLIE (6 lbs) \$39.95;

Uses 4 "C" batteries #ERC 2/pkg (1 lb/pkg) \$1.95/pkg

Ms. Paula Michalosky, a special needs teacher at the Bowman School, Lexington, MA, had this to say about Charlie: "Charlie has many diversified categories and programs which can be used at any elementary-age level. Because of its contemporary design and its positive feedback, Charlie quickly became a friend to everyone! Charlie even appealed to children who often do not seek out learning devices in their leisure time. Its use of visually attractive cards entices children to constantly use these programs and learn."



Charlie's Programs

(2 lbs) \$7.95 each

Early Childhood and Primary

- #CH8103 Safety
- #CH8153 What Shape?
- #CH8154 What Color?
- #CH8155 How Many?
- #CH8156 What's Wrong?
- #CH8157 Big & Little
- #CH8158 Basic Number & Color Words
- #CH8159 Visual Discrimination
- #CH8100 Identifying Objects
- #CH8101 Alphabet Sequence
- #CH8102 Alphabet: Upper and Lower Case
- #CH8109 Following Directions I
- #CH8110 Following Directions II
- #CH8150 Basic Reading Skills—Animals
- #CH8144 Basic Sight Words
- #CH8140 Phonics: Beginning and Ending Consonants
- #CH8141 Phonics: Beginning and Ending Consonant Blends
- #CH8142 Phonics: Long and Short Vowels
- #CH8143 Synonyms
- #CH8151 Calendar Facts
- #CH8104 Telling Time I
- #CH8114 Telling Time II
- #CH8105 Money Recognition

Primary and Intermediate Programs

- #CH8116 Addition: Sums to 9
- #CH8117 Subtraction: Ans. to 9
- #CH8118 Addition: 0-99 without Regrouping
- #CH8119 Subtraction: 0-99 without Regrouping
- #CH8120 Addition: 0-99 with Regrouping
- #CH8121 Subtraction: 0-99 with Regrouping
- #CH8122 Multiplication: 2's-6's
- #CH8123 Multiplication: 7's-12's
- #CH8106 Capitalization
- #CH8107 Punctuation I
- #CH8200 Getting the Main Idea
- #CH8201 Finding the Sequence
- #CH8131 Metrics
- #CH8132 U.S. Geography
- #CH8051 Make Your Own

BANDAI JOHN PLAYER SPECIAL—

Radio-Control Digital Racer



"Shoot the Hoot" OWL TARGET GAME

This exciting game is completely safe, and lots of fun. The object is to hit the center of the target. Aim the pistol—it shoots a beam of light. When a direct hit is made, owl's eyes light up and it hoots!

#ELOWL (4 lbs) \$9.95.

Batteries: 2, #ERC 2/pkg (1 lb/pkg) \$1.95/pkg, and 4 #ERAA 2/pkg (1 lb/pkg) \$1.75/pkg needed.

Sleek, black, and powerful, this 1/10th-scale, Mark IV Lotus 79 has a 60' diametric range, 8-function control center, variable forward and reverse, neutral, stop and start, and digital proportional steering. 20" long and 4" high excluding antenna. Scale speed up to 60mph. #BANJPS (16 lbs) \$64.95; Uses 2, 9-volt batteries #ER9VOLT (1 lb) \$1.75 each, and 4 "D" cells #ERD (2/pkg; 1 lb/pkg) \$1.95/pkg